

Semi-Annual Environmental Monitoring Report-3

Project Number: 50140-002

Reporting Period: From January to June 2026

Date: July 2026

BAN: Improving Computer and Software Engineering Tertiary Education Project

ADB Loan Number: 4348-BAN (COL)

Prepared by the University Grant Commission, Ministry of Education, Bangladesh
for the Asian Development Bank

This report has been submitted to ADB by the University Grant Commission, Government of Bangladesh, and is made publicly available in accordance with ADB's public communications policy (2011).

Contents

EXECUTIVE SUMMARY	4
I. INTRODUCTION	7
A. Purpose of the Report	7
B. Brief Project Description	7
C. Project Progress Status and Implementation Schedule	8
Table 1: Implementation Schedule of the Proposed Civil Works of 3 Buildings	11
Table 2: Safeguard Document and Disclosure Status as of June 2026	13
Figure 1: Safeguard Responsibilities within the project governance structure	14
II. COMPLIANCE TO NATIONAL REGULATION	15
A. Compliance with Statutory Environmental Requirements	15
Table 3: Standards of Ambient Air Quality as per APCR 2022 and Noise Quality under NPCR 2025	15
Table 4: Relevant Environmental Standards from IFC-WB EHS Guidelines 2007	16
Table 5: Relevant Regulations in Bangladesh	17
III. COMPLIANCE TO RELEVANT ENVIRONMENTAL REQUIREMENTS FROM THE ADB LOAN AGREEMENT	18
A. Compliance with Safeguard Covenants of Loan Agreement	18
Table 6: Status of Environment, Resettlement and Related Loan Covenants as of 30 June 2026	19
IV. COMPLIANCE TO ENVIRONMENTAL MANAGEMENT PLAN	22
A. Status of Recruitment	22
Table-7: Environmental Safeguard Focal Persons	22
B. Status of Environmental Management Plan	22
Table-8: Compliance Status with Implementation of EMP measures during January-June 2026	26
C. Capacity Building	27
V. SAFEGUARD MONITORING RESULTS AND UNANTICIPATED IMPACT	29
A. Environmental and Social Performance Indicators	29
Table-9: Itinerary of monitoring visit up to June 2026	29
B. Project Safeguard Monitoring	30
C. Project Safeguard Performance	31
VI. IMPLEMENTATION OF GRIEVANCE REDRESS MECHANISM	39
Table-10: Cumulative consultation meetings conducted up to June 2026	40
VII. CONCLUSION AND RECOMMENDATIONS	41
Table-11: Recommended Corrective Action Plan for Next Reporting period (July-December 2026)	41
Annex-1: Layout and Location Maps for 3 proposed project sites	43
Annex-2: Consent Letter to BUET Authority from Relatives of Buried Deceased at BUET Site	46
Annex-3: Letter to DoE for confirmation ECC for the project ICSETEP and Response from DoE	47
Annex-4: Monitoring Checklist	49
Annex-5: Form CoC: Environmental, Health and Safety Code of Conduct for Contractor's Personnel in Bid Document at DU	52
Annex-6: Approval and Formation of GRC at DU	54
Annex-7: Signed Declaration of Environmental, Health & Safety (EHS) by the Contractor at DU	56
Annex-8: Signed Form CoC: Environmental, Health & Safety Code Conduct for Contractor's Personnel at DU	57
Annex-9: Environmental, Health & Safety (EHS) Management Plan of the Contractor at DU	59
Annex-10: Site Handover Certificate of DU to the Contractor	65
Annex-11: Letter to DU PIU for the environmental baseline monitoring field test at DU	66
Annex-12: Environmental Management Plan (EMP) Table for DU	67
Annex-13: Environmental Management Plan (EMP) Table for BUET	71
Annex-14: Environmental Management Plan (EMP) Table for JUST	81

ABBREVIATIONS

ADB	= Asian Development Bank
APCR	= Air Pollution Control Rules
BUET	= Bangladesh University of Engineering and Technology
C-ESMP	= Contractor's Environmental & Social Management Plan
CSC	= Construction Supervision Consultant
CSE/IT	= Computer Science and Engineering and Information Technology
DOE	= Department of Environment
DU	= Dhaka University
ECA	= Environmental Conservation Act
ECE	= Electrical and Computer Engineering
ECC	= Environmental Clearance Certificate
ECR	= Environmental Conservation Rules
ECop	= Environmental Code of Practice
EH&S	= Environmental Health and Safety
EMP	= Environmental Management Plan
JUST	= Jashore University of Science and Technology
GRC	= Grievance Redress Committee
GRM	= Grievance Redress Mechanism
ICSETEP	= Improving Computer and Software Engineering Tertiary Education Project
ICT	= Information and Communication Technology
IEE	= Initial Environmental Examination
LIMP	= Labor Influx Management Plan
M&E	= Monitoring and Evaluation
MOE	= Ministry of Education
NPCR	= Noise Pollution Control Rules
PAM	= Project Administration Manual
PCC	= Project Coordination Committee
PIC	= Project Implementation Committee
PIU	= Project Implementation Unit
PMU	= Project Management Unit
PPE	= Personal Protective Equipment
PSC	= Project Steering Committee
R&D	= Research and Development
SEMR	= Semi-Annual Environmental Monitoring Report
SPS	= Safeguard Policy Statement
SHED	= Secondary and Higher Education Division
TMP	= Traffic Management Plan
TPP	= Tree Plantation Plan
UGC	= University Grants Commission

EXECUTIVE SUMMARY

The Improving Computer and Software Engineering Tertiary Education Project (ICSETEP), commenced on November 2023 and has a revised closing date of December 2028. This Third Semi-Annual Environmental Monitoring Report (SEMR-3) presents the status of environmental safeguard implementation for the reporting period January-June 2026, covering the pre-construction stage at BUET and JUST and the initial construction stage at DU, in accordance with the ADB's Safeguard Policy Statement (2009) and Public Communications Policy (2011).

The Improving Computer and Software Engineering Tertiary Education Project (the project, ICSETEP) will support the government in strengthening the computer science and engineering, software engineering and information technology (CSE/IT) programs in three selected university: Bangladesh University of Engineering and Technology (BUET), University of Dhaka (DU) and Jashore University of Science and Technology (JUST).

Regarding the ADB Safeguard Policy Statement (SPS) 2009, the ICSETEP is classified as Category B with respect to environment as the civil works for the new buildings of CSE departments at BUET, JUST and Institute of Information Technology at DU will have location-specific, time-bound impacts during construction. The proposed land for the project is inside the 3 universities campus and university's own land, therefore, no land acquisition and resettlement issues are there.

Department of Environment (DoE), vide memo no. 22.02.0000.018.52.0001.26.238 dated 04 May, 2026 (Annex-3) determined that environmental clearance is not applicable to the three project buildings under the Environment Conservation Rules 2023, cross-referencing the fuller comment under Compliance with Statutory Environmental requirement below.

Construction Contract for the construction of 13-storied IT HR Hub with 15-storied foundation including 2 Basement has been signed with the Contractor TCEL-Mollik Enterprise (JV) on January 12, 2026. Contract has been signed with the Construction Supervision Consultant (CSC) Tanya Karim N. R Khan and Associates on February 09, 2026 and the commencement date of CSC was February 18, 2026.

All the current occupant staffs were shifted from the existing staff quarters to the newly constructed residential/dormitory building in the other side of the DU campus in the first week of month May 2026. Demolition of existing structures are completed, mobilization of workers, equipment, construction materials and site boundary fencing with entrance gate are in progress. In BUET project site two small graveyards were relocated to a suitable location at the BUET campus after consent with relatives of buried deceased in presence of Head Imam of BUET Central Mosque maintaining Muslim ritual and following the requirements of the Ministry of Liberation

War Affairs and SPS 2009. Consent letter of relatives and photographs on before and present location has been included in annex in this report respectively.

Covenants written into the loan agreement that are related to environmental and resettlement safeguards are described. For the most part these refer to actions that need to be taken up during the implementation of project construction activities. Considering the present project activity loan covenants are continuing to fulfill the compliance, during implementation activities PIU will be committed to maintain the compliance as when require.

Three IEEs are prepared during PPTA period for three proposed buildings. As the design fixtures and location of building inside the JUST campus is little bit relocated from one side to the other side in the same selected plot and baseline status at the surrounding site is also upgraded from the previous situations (3 under construction buildings are completed now and in operation) are positively changed, ADB Safeguard Team suggested to update the previously prepared IEE and EMP. The updating of previous IEE for JUST is completed and revised IEE with incorporation of ADB's comments has been submitted to ADB for their concurrence.

Environment Management Plan (EMP) provisions and monitoring items have been incorporated into bidding documents and bills of quantities for two sites at BUET and JUST. As the tender was floated earlier, "Form CoC: Environmental, Health and Safety Code of Conduct for Contractor's personnel" was included in General Specifications of the bid document. During submission of tender, the responsive evaluated bidder submitted the signed CoC Form, Environmental, Health and Safety (EHS) Management Plan, Site Specific Environmental, Health and Safety Management Plan (EHSMP) and a commitment letter to abide by all the above. All the documents are also in the contract agreement. During introductory meeting with the Contractor of DU was held on May 06, 2026, instructions were given for preparation of site-specific ESMP, EHS Plan, LMP, TMP and submission to PMU for review and approval. PMU also instructed to conduct baseline environmental monitoring test at the construction site as per contractor's commitment letter.

The monitoring system will consist of observations and checklists for comparison with contractor performance in line with the construction specifications and the project EMP. Performance tracking will be used in a manner that provides consistent semi-annual reporting, with the objective of improving performance of contractors. It was noted that contract has been signed on January 12, 2026 and inauguration ceremony held on January 31, 2026 at DU site.

A Grievance Redress Mechanism (GRM) will be established at the Project Management Unit (PMU) level in accordance with the Project Administration Manual (PAM), with site-level arrangement to be operationalized prior to construction. As the Contract Agreement was completed in January and Construction works has been started in the month of May 2026 at DU after relocation of existing staffs, Grievance Redress Committee (GRC) has been formed on June

04, 2026 as per Guidelines of ICSETEP PAM and approved by the DU Authority and VC, University of Dhaka. No environmental or social grievances were reported during the current reporting period.

Overall, SEMR-3 confirms that the project is at a pre-construction stage for two PIUs at BUET and JUST with key safeguard prerequisites are largely addressed and remaining actions clearly identified for implementation in the next reporting period. The initial activities of construction works have been started at DU, Site preparation, Construction of boundary fencing with entrance gate, widening of entrance road, arrangement for cast-in-situ shore pile driving and preparation of safeguards documents are in progress.

I. INTRODUCTION

A. Purpose of the Report

1. The Improving Computer and Software Engineering Tertiary Education Project (ICSETEP) commenced in November 2023 and has a revised closing date of December 2028. This Third Semi-Annual Environmental Monitoring Report (SEMR-3) presents the status of environmental safeguard implementation for the reporting period January-June 2026, covering the pre-construction stage at BUET and JUST and the initial construction stage at DU, up to June 2026 in accordance with the Asian Development Bank's (ADB's) Safeguard Policy Statement (2009) and Public Communications Policy (2011).
2. This SEMR-3 has been prepared and disclosed in accordance with the Asian Development Bank's Safeguard Policy Statement (2009) and Public Communications Policy (2011). In line with these requirements, the report documents the project's environmental safeguard compliance status and will be disclosed to ensure transparency and timely access to safeguard information for stakeholders. All the reports will be disclosed in PIU, PMU and ADB Website. The PMU website link is <https://icsetep.ugc.gov.bd/report-publications/> where approved safeguard documents are uploaded and maintained regularly as when required. This Third Semi-Annual Environmental Monitoring Report (SEMR-3) focuses on reporting the environmental safeguard implementation status, pre-construction and construction stages activities readiness of the project as of June 2026. Detailed information on site visits, consultations, meetings and implementation progress is presented in the relevant chapters of this report.

B. Brief Project Description

3. The Improving Computer and Software Engineering Tertiary Education Project (the project, ICSETEP) will support the government in strengthening the computer science and engineering, software engineering and information technology (CSE/IT) programs in three selected university: Bangladesh University of Engineering and Technology (BUET), University of Dhaka (DU) and Jashore University of Science and Technology (JUST). It aims to increase job-ready graduates, increase research and development (R&D) capacity buildings through industry collaboration and interdisciplinary research projects and develop technology entrepreneurship. The direct beneficiaries will be the graduates of the universities in terms of better knowledge and skills, and the local IT industry. The information technology (IT) industry will get adequate number of qualified human resources who will contribute to increase national productivity and R&D activities.
4. The project is aligned with the Government's Eighth-Five Year Plan in the following impact a highly skilled labor force equipped with technical and professional expertise development. The project will have the following outcome: industry responsiveness of tertiary level CSE/IT

programs at tertiary education is fully aligned with ADB's country partnership strategy, 2021-2025 for Bangladesh where ADB interventions aim at strengthening human capital and social protection.

5. Out of four objectives Output 1 is the modern learning, research and startup facilities establishment. This output will support the three universities to develop classrooms, laboratories, industry collaboration and startup space, and auxiliary facilities. Startup space will provide aspiring entrepreneurs with office space and a credible business address, collaboration and networking spaces, meeting and communication facilities, and business development services. ADB will help the universities to construct with adopting green building features for energy and water saving, climate and disaster-resilient incorporation in design. The buildings will also include women-friendly facilities, such as an adequate number, and quality sanitation facilities, female students' study areas, female staff lounges, day care services, as well as security and safety features such as access control systems, increased lighting at night, and video surveillance systems.

6. The procurement plan includes (i) Civil works for the CSE departments at BUET, JUST and Institute of Information Technology at DU; (ii) goods contracts for equipment and furniture for the PMU, PIU offices and new buildings at the universities, and vehicles for the PMU and universities; and (iii) services.

7. Three universities, BUET, DU and JUST will carry out procurement activities within the university level and procurement packages including the development of the new buildings. For civil works and goods, these three universities have been used the Bangladesh Government's Electronic Government Procurement (e-GP) System.

C. Project Progress Status and Implementation Schedule

8. There are three multi-storied buildings are going to be constructed on the selected site at three PIUs i.e. DU, BUET and JUST. At the Dhaka University campus, a 13-storied IT Hub RCC Frame structural Non-residential Building with 15-storied foundation including 2 basements (DPP) will be constructed. In BUET campus 10-storied Academic RCC Frame structural Building (Keeping provision for 20-storied foundation) with 3 basements. In JUST campus IT Excellency Center 10-storied Non-residential RCC Frame structural Building with 10-storied foundation including Sanitary, Water Supply, Electro-Mechanical Works, Computer Network Cabling etc. for CSE Department will be constructed under this project ICSETEP.

9. Three Different Groups of Design Teams were engaged in 3 PIUs for preparation of Architectural, Structural, and Electrical with Electro-Mechanical, Sanitary, and Fire Alarms with Fire Safety design and preparation of estimation with BoQs and Bid Documents.

10. **DU:** Previously completed Architectural and structural design, estimation and bid document, tender was floated for Construction of 13-storied with 15-storied foundation including 2 basements building at DU campus. After obtaining the evaluation of tender and

approval from the Cabinet Committee of Government Purchase (CCGP) following governmental law and procedures, Contract has been signed with the Contractor TCEL-Mollik Enterprise (JV) on January 12, 2026. Contract has been signed with the Construction Supervision Consultant (CSC) Tanya Karim N. R Khan and Associates on February 09, 2026 and the commencement date was February 18, 2026. Review of Construction drawing, tender document, tender BoQ, rate schedule and specifications of works are done by the consultant teams during this reporting period. Residential Engineer (RE) and Site Engineer from the CSC team are present at the construction site and contractor's pre-mix concrete design plant when required.

11. **BUET:** After review and approval of design, drawing bid document, BoQ, EMP and ECoP from ADB tender was floated and received on April 19, 2026. Pre-bid meeting has been arranged by BUET PIU on March 14, 2026 at BUET CSE Premises. PMU Procurement Consultant, Environment Specialist and Gender Specialist were present at the pre-bid meeting with BUET PIU Officials. Design Consultant Team and interested contractors were also present at the meeting. Required Environmental Safeguard documents i.e. IEE, EMP, ECoP, Environmental Specifications are included in the Appendix D1, D2, D3 of the floated bid document. EMP Items were also included in the tender BoQ. After receiving the tender evaluation is in progress by the BUET Tender Evaluation Committee.

12. **JUST:** After review and approval of design, drawing, bid document, BoQ, EMP and ECoP from ADB tender has been floated and receiving and opening of the tender was March 30, 2026. Required environmental safeguard document has been incorporated in the tender document, design, drawing and BoQ. The tender has been issued with incorporation of all the environmental safeguard document i.e. updated IEE, EMP, ECoP in Appendix R, M, Q, & S. In floated tender document required environmental monitoring items are included in bid document and BoQ. After receiving the tender, evaluation is in progress by the Tender Evaluation Committee at JUST.

13. Official Inauguration Ceremony was held on January 31, 2026 at VC DU office premises. Handover of the construction site to the contractor was done on March 11, 2026 officially. It was decided during the meeting with ADB Mission and Vice Chancellor of DU on April 29, 2026 that an introductory meeting was planned on May 06, 2026 with contractor of DU site and PMU Consultants in presence of DU PIU officials. In the introductory meeting on planned date at DU Director of Planning and Development (DPD)'s office, it was noted that all the existing staffs from the project site were shifted to the newly constructed residential/dormitory building in the other side of the DU campus. The PMU Consultants team visited the project site on May 06, 2026 and observed that all the staffs were shifted and the contractor started the demolition of existing structures. As per further decision in the meeting VC DU visited the construction site with others concern persons of the university, contractors and PIU officials. The visited team gave the permission for widening of the entrance road to the project site, permission for use of surrounding land around the project site and a site office will be prepared with required renovation works at the existing available structure adjacent to the project site. Manpower from

the Supervision Consultant have been mobilized at project site for day to day supervise the construction activities following the contract agreement with construction drawing and specifications.

14. As the tender was floated earlier at DU, “Form CoC: Environmental, Health and Safety Code of Conduct for Contractor’s personnel” was included in General Specifications of the bid document. During submission of tender, the responsive evaluated bidder submitted the signed CoC Form, Environmental, Health and Safety (EHS) Management Plan, Site Specific Environmental, Health and Safety Management Plan (EHSMP) with a commitment letter for abiding the EHSMP. Accordingly, contract has been signed and following the commitment of the contractor, he is advised to conduct environmental baseline monitoring field test for air, noise, water, soil quality and vibration test in and nearest structure of the project site.

15. During visit to the proposed site at BUET, two graveyards are already shifted to another suitable location at the BUET area with maintaining ritual obligation and mutual understanding with relatives of buried deceased.

16. As per comments and recommendation from ADB on submitted updated IEE, the revised updated IEE has also been submitted again to ADB with incorporation of their comments and recommendations for concurrence.

17. The Revised implementation schedule for the construction of 3 Multi-storied Building at 3 PIUs are as follow:

Table 1: Implementation Schedule of the Proposed Civil Works of 3 Buildings

Activities of Works	2025					2026				2027				2028			
	PIU	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Engagement of Design Consultant	DU	In the year 2023															
	BUET																
	JUST																
Preparation of Architectural Design	DU	In the year 2023															
	BUET																
	JUST																
Preparation of Structural, Electrical and Sanitary Design	DU	In the year 2023															
	BUET																
	JUST																
Preparation of Estimation, BoQs and Bid Documents	DU	In the year 2023															
	BUET																
	JUST																
Floating of Bid	DU	In the year 2024															
	BUET																
	JUST																
Tender Received and Evaluation	DU																
	BUET																
	JUST																
Award of Contract	DU																
	BUET																
	JUST																
Site Handover to the Contractor	DU																
	BUET																
	JUST																
Commencement of Works and Implementation	DU																
	BUET																
	JUST																
	DU																

Table 2: Safeguard Document and Disclosure Status as of June 2026

University	Preparation of IEE	Disclosure on ADB Website	Disclosure on ICSETEP Website	SEMP Prepared by the Contractor	Disclosure on ADB Website	Disclosure on ICSETEP Website	Remarks
	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)	(Yes/No)	
DU	Yes	Yes	Yes	No	No	No	
BUET	Yes	Yes	Yes	No	No	No	
JUST	Yes	Yes	No	No	No	No	IEE Revision Completed

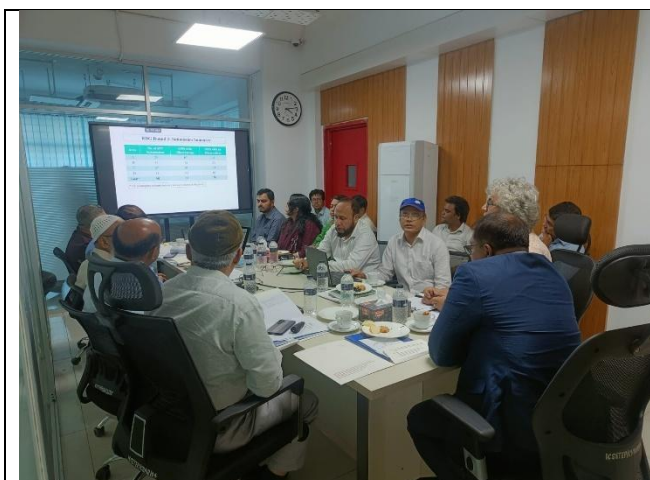
18. Secondary and Higher Education Division (SHED), Ministry of Education in the Executing Agency of the Project, oversee the implementation through the University Grants Commission, Bangladesh. The Project Implementation review meeting has been held in every month at the Ministry. The latest meeting was held in last 14th May 2026 chaired by the Honorable Minister, Ministry of Education, Government of Bangladesh.

19. The Project Steering Committee (PSC) has been provided overall guidance to the project on strategy for development and support university policy dialogue. PSC has been approved the annual implementation plan and review the progress and performance against the annual plan as well as overall project log frame, especially in outcome target indicators. The PSC has been met on quarterly basis, after receiving project quarterly progress reports to discuss any issues related to project performance, procurement process, utilization of funds, and others. The PSC meeting has been arranged chaired by the Secretary, Ministry of Secondary and Higher Education Division and last meeting held on 25th June 2026 regarding the revised budget for 2025-2026 fiscal year on development project under UGC.

20. On behalf of the SHED, MOE, UGC oversee the project implementation. Through the PMU under UGC, UGC coordinate project implementation activities such as planning, procurement and contract management, financial management, monitoring and evaluation.

21. The Project Implementation Committee (PIC) has been chaired by the Chairman of UGC and the Project Director is the member secretary of the PIC. The PIC is responsible for coordinating implementation activities, reviewing program implementation progress, making recommendations to improve monitoring, reporting systems, overseeing all the reporting and ensuring the quality and seek guidance of PSC, overseeing M&E activities and provides guidance to PMU to develop the higher education performance and recommending the approval of the annual implementation plan. The last PIC meeting was held on 20th April, 2026 chaired by the Chairman UGC, Bangladesh.

22. Project Coordination Committee (PCC) has been established in each University (BUET, DU and JUST) for overall monitoring of environmental issues and supervision of the project activities at the university level and providing guidance to the PIU staff and project focal person when applicable. The meeting has been held in monthly basis. The last PCC meeting was held at PMU office on May 03, 2026 in presence of 3 PIU Heads, PMU Officials, Consultants and ADB Representative chaired by the Honorable Member, UGC by online.



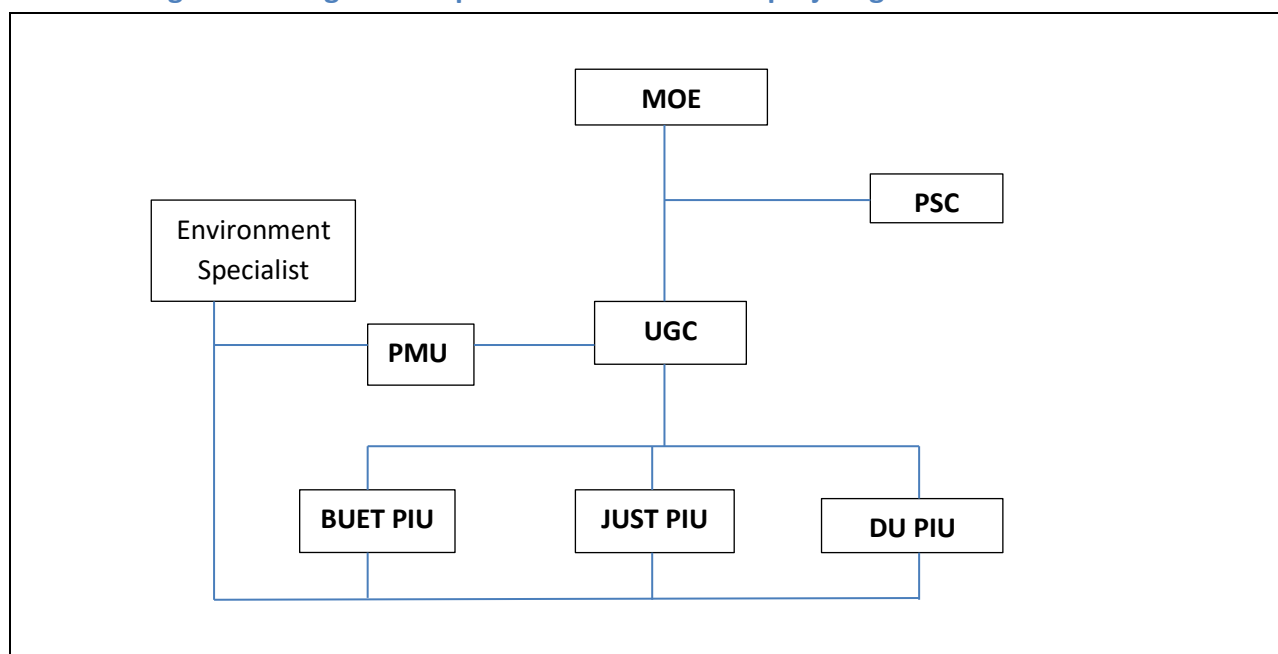
PIC Meeting at UGC with 3 PIUs and PMU
Chaired by Chairman UGC on 20.04.2026



PCC Meeting with 3 PIUs, ADB, PMU at PMU
office Chaired by Member UGC on 03.05.2026

23. Moreover, Project Management Unit (PMU) has been arranged numbers of meetings in PMU office as required by the project requirement such as review of Contractors SEMP, Verifying the monitoring of EMP implementation ensure the corrective actions.

Figure 1: Safeguard Responsibilities within the project governance structure



BUET = Bangladesh University of Engineering and Technology, DU = University of Dhaka, JUST = Jashore University of Science and Technology, MOE = Ministry of Education, PIU = Project Implementation Unit, PMU = Project Management Unit, PSC = Project Steering Committee, UGC = University Grants Commission

II. COMPLIANCE TO NATIONAL REGULATION

A. Compliance with Statutory Environmental Requirements

24. Regarding the ADB Safeguard Policy Statement (SPS) 2009, the ICSETEP is classified as Category B with respect to environment as the civil works for the new buildings of CSE departments at BUET, JUST and Institute of Information Technology at DU will have location-specific, time-bound impacts during construction. The proposed lands for the project are inside the 3 universities campus and university's own land, no land acquisition and resettlement issues are there. At DU site, the occupants in the staff quarter at the project site have been rehabilitated to the newly constructed staff housing/dormitory building. In BUET site, two graveyards are already shifted to another suitable location at the BUET campus with maintaining ritual obligation and mutual understanding with relatives of buried deceased and following the requirements of the Ministry of Liberation War Affairs and SPS 2009.

25. **Environmental Clearance Status:** The Department of Environment (DoE), through memo no. 22.02.0000.018.52.0001.26.238 dated May 04, 2026, determined that the high-rise building construction activities under ICSETEP, comprising a 10-storey building on 3,180 m² at the BUET campus, a 13-storey building on 1,858 m² at the DU campus and a 10-storey building on 3,253 m² at the JUST campus, are not included in the list under schedule 1 of the Environment Conservation Rules (ECR), 2023. The DoE also determined that Schedule-14 does not apply to these activities. Accordingly, an Environmental Clearance Certificate (ECC) is not applicable to the project activities and buildings specified in the DoE letter. This determination applies only to the activities and buildings described above and should not be extended to any other project activity or facility. DoE letter is included in **Annex-3** of this report.

26. The Environmental Conservation Rules (2023) provide for the classification of projects, identification of applicable environmental assessments, and establishment of National Environmental Quality Standards. In addition, the Air Pollution Control Rules (2022) and the Noise Pollution Control Rules (2025) prescribe applicable standards and control measures for air quality and noise. The relevant national standards applicable to the project are presented in Table 3.

Table 3: Standards of Ambient Air Quality as per APCR 2022 and Noise Quality under NPCR 2025

AIR		
Pollutant	Standards	Averaging Period
Carbon Monoxide: CO	05 mg/m ³	8-hours
	20 mg/m ³	1-hour
Lead: Pb	0.25 µg/m ³	Annual
	0.50 µg/m ³	24-hours

Nitrogen Dioxide: NO ₂	40 µq/m ³	Annual
	80 µq/m ³	24-hours
Particulate Matter 10: PM ₁₀	50 µq/m ³	Annual
	150 µq/m ³	24-hour
Particulate Matter 2.5: PM _{2.5}	35 µq/m ³	Annual
	65 µq/m ³	24-hour
Ozone: O ₃	180 µq/m ³	1-hour
	100 µq/m ³	8-hour
Sulphur Di-Oxide: SO ₂	250 µq/m ³	1-hour
	80 µq/m ³	24-hour
Ammonia	100 µq/m ³	Annual
	400 µq/m ³	24-hour
NOISE (NPCR 2025)		
Zone Class	Limits in Leq dB(A)	
	Daytime	Night time
	(6 A.M. – 9 P. M.)	(9 P.M. – 6 A.M.)
i) A sensitive area where quietness is of primary importance such as schools, hospitals, mosques etc.	50	40
ii) Residential zone	55	45
iii) Mixed areas, which are, used as residential areas as well as commercial and industrial purposes	60	50
iv) Commercial areas	70	60
v) Industrial areas	75	70

Table 4: Relevant Environmental Standards from IFC-WB EHS Guidelines 2007

Table 1.1.1: WHO Ambient Air Quality Guidelines ^{7,8}		
	Averaging Period	Guideline value in $\mu\text{g}/\text{m}^3$
Sulfur dioxide (SO ₂)	24-hour	125 (Interim target-1) 50 (Interim target-2) 20 (guideline)
	10 minute	500 (guideline)
Nitrogen dioxide (NO ₂)	1-year	40 (guideline)
	1-hour	200 (guideline)
Particulate Matter PM ₁₀	1-year	70 (Interim target-1) 50 (Interim target-2) 30 (Interim target-3) 20 (guideline)
	24-hour	150 (Interim target-1) 100 (Interim target-2) 75 (Interim target-3) 50 (guideline)
Particulate Matter PM _{2.5}	1-year	35 (Interim target-1) 25 (Interim target-2) 15 (Interim target-3) 10 (guideline)
	24-hour	75 (Interim target-1) 50 (Interim target-2) 37.5 (Interim target-3) 25 (guideline)
Ozone	8-hour daily maximum	160 (Interim target-1) 100 (guideline)

¹² US EPA Prevention of Significant Deterioration Increments Limits applicable to non-degraded airsheds.

Table 1.7.1- Noise Level Guidelines ⁵⁴		
	One Hour L _{Aeq} (dBA)	
Receptor	Daytime 07:00 - 22:00	Nighttime 22:00 - 07:00
Residential; institutional; educational ⁵⁵	55	45
Industrial; commercial	70	70

27. Further to above the following table presents a summary of relevant environmental regulations.

Table 5: Relevant Regulations in Bangladesh

Regulation	Brief Description	Potential Applicability	Compliance Status
Bangladesh National Building Code 2020	Sets minimum standards for design, construction, quality of materials, use and occupancy, location and maintenance of all buildings to safeguard, within achievable limits, life, limb, health, property and public welfare.	Design of “Tall Building” must be followed due to stability, durable, safety and workable.	Incorporated in design
Bangladesh Building Construction Rules 2008	These rules superseded the previous Building Construction rules of 1984. These rules seek to control development plot-plot and case-by-case. It controls development by imposing conditions on setbacks, site coverage, construction of garages, access to plot, provision of lift, land use of that plot and height of building.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	To be complied with during construction
Disaster Management Act 2012	Coordinates activities on disaster management, making them object-oriented and strengthens and formulate rules to build up infrastructure of effective disaster management to fight all types of disaster.	Will prevent natural disaster.	Incorporated in design
Vehicular Act 1927, the Motor Vehicles Ordinance 1983, and Bengal Motor Vehicle Rules 1940	These are under the Bangladesh Road Transport Authority which regulates vehicular emissions and noise including road safety and community safety.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	To be complied with during construction
Bangladesh Labor Act 2006 (amended 2013) Bangladesh Labor Rules 2015	These regulations are under the Ministry of labor, which provides for the occupational rights and safety of factory/construction workers and the provision of comfortable work environment and reasonable working conditions including the prohibition of child labor and adolescent labor.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	To be complied with during construction
The original standalone Bangladesh Factories Act 1965 was replaced by Bangladesh Labor Act, 2006	Requires every workplace including small/large-scale construction where women are employed, to have an arrangement of childcare services. Based on this Act and Labor Laws, medical facilities, first aid, accident and emergency arrangements are to be provided by the authority to the workers at workplace.	Environmental Health and Safety to the workers with community, cost and time of construction minimization.	To be complied with during construction
Environmental Conservation Rules (ECR) 2023	Provides for the declaration of ecologically critical areas, categorization of industries and projects and identification of the types of environmental assessments needed for respective categories of industries or projects.	Pollution control and monitoring standards is directly relevant to this project	To be complied with during construction

III. COMPLIANCE TO RELEVANT ENVIRONMENTAL REQUIREMENTS FROM THE ADB LOAN AGREEMENT

A. Compliance with Safeguard Covenants of Loan Agreement

28. Covenants written into the loan agreement that are related to environmental and resettlement safeguards are listed in Table 6. For the most part these refer to actions that need to be taken up during the implementation of project construction activities. As the construction works are initiated in the DU PIU only, some of the covenants during implementation stage is initiated now and implementation works for two other PIUs BUET and JUST are not yet started. The overall status for DU on-implementation stage covenants and pre-construction stage covenants for two other PIUs of BUET and JUST compliance status is described in the following table.

Table 6: Status of Environment, Resettlement and Related Loan Covenants as of 30 June 2026

Covenant	Safeguard Applicability	Status of Compliance	Evidence/ Remarks	Action Required & Timeline
Implementation Arrangements: The Borrower PMU shall ensure, or cause the Project Executing Agency and the Implementing Agencies to ensure, that the preparation of design, construction, Implementation, operation and decommissioning of the Project and all Project facilities comply with (a) all applicable laws and regulations of the Borrower relating to environment, health and safety; (b) the Environmental Safeguards; and (c) all measures and requirements set forth in the IEE, the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report.	Section VII of the PAM, paras 49 thru 58, address safeguard requirements under the loan.	Ongoing	Shown as per status of implementation	Conversation is in progress and will be shown in next report
The Borrower shall ensure or cause the Project Executing Agency PMU and the Implementing Agencies PIU to ensure, that the Project does not involve risks or impacts to tribes minor races, ethnic sects and community or involuntary resettlement impacts, all within the meaning of the SPS, in the event that the Project does have any such risk or impact, the Borrower shall take, or cause the Project Executing Agency and the implementing Agencies to take all steps required to ensure that the Project complies With the applicable laws and regulations of the Borrower and with the SPS. <u>Human and Financial Resources to Implement Safeguards Requirements</u>	During Construction period.	Ongoing	Shown as per status of implementation	DU PIU is initiated and should advice the contractor to maintain
The Borrower shall make available, or cause the Project Executing Agency PMU and implementing Agencies PIU to make available, necessary budgetary and human resources to fully implement the EMP. <u>Safeguards-Related Provisions in Bidding Documents and Works Contracts</u>	During Bidding process	Complied	Shown as per implementation status	PIUs will ensure to implement during construction period

Covenant	Safeguard Applicability	Status of Compliance	Evidence/ Remarks	Action Required & Timeline
The Borrower shall ensure, or cause the Project Executing Agency PMU and Implementing Agencies PIU to ensure that all bidding documents and contracts for Works contain provisions that require contractors to;	During Bidding process	Complied	Shown as per implementation status	Will be implemented during construction
a) Comply with the measures relevant to the contractor set forth in the IEE the EMP, and any corrective or preventative actions set forth in a Safeguards Monitoring Report;	During Construction Period.	Ongoing	Shown as per implementation status	PMU is monitoring and reporting
b) Make available a budget for all such environmental and social measures;	During Bidding Process.	Complied	Shown as per implementation status	PMU is monitoring during Implementation
c) Provide the Borrower with a written notice of any unanticipated environmental resettlement or tribes, minor races, ethnic sects and community people's risks or impacts that arise during construction, implementation or operation of the Project that were not considered in the IEE and the EMP.	Mitigation measures guarantee performance and provide basis for monitoring	Ongoing	Shown as per implementation status	PMU is monitoring during Implementation
d) Adequately record the condition of roads, agricultural land and other infrastructure prior to starting to transport materials and construction; and	During pre-construction and construction period	Ongoing	Shown as per implementation status	PMU is monitoring during Implementation
e) Reinstall pathways, other local infrastructure, and agricultural land to at least their pre-project condition upon the completion of construction.	At Post Construction Stage	Not Yet Applicable	Next EMR	PIUs will take necessary responsibility
f) Any adverse impact on the environment that may arise from the Project implementation is promptly mitigated or minimized in accordance with the EMPs;	Fundamental purpose of environmental review	Ongoing	Shown as per implementation status	PIUs will take necessary responsibility
g) Implementation of the EMPs, including any safety breaches, violation of environmental standards, and corrective measures taken in respect thereof are reported semi-annually to ADB; and	Fundamental purpose of environmental reporting	Not Yet Applicable	Shown as per implementation status	PMU will monitor during construction

Covenant	Safeguard Applicability	Status of Compliance	Evidence/ Remarks	Action Required & Timeline
h) Implementation of the EMPs, including any safety breaches, violation of environmental standards, and corrective measures taken in respect thereof are reported, in the Project Management Unit (PMU) quarterly report to ADB;	Fundamental purpose of environmental reporting	Not Yet Applicable	Shown as per implementation status	PMU will monitor during construction
i) Reports and information are provided to ADB on request to enable it to verify that the Goods, Works, and consulting services financed out of the proceeds of the Loan, have been produced in a responsible manner with a view to resource efficiency, waste minimization, and other environmental considerations.	Aim of transparency in project implementation.	Ongoing	Shown as per implementation status	PIUs and PMU will monitor during construction

IV. COMPLIANCE TO ENVIRONMENTAL MANAGEMENT PLAN

A. Status of Recruitment

29. Environment Specialist has been recruited officially at the PMU as national environment specialist in intermittent basis in the February 12, 2025 throughout the project implementation period and as when require. Moreover, 3 focal persons have been engaged in three PIU for the project implementation period. When Supervision Consultants are engaged, they will engage 3 Environmental Experts for 3 PIUs. During Implementation of work, the contractor will also be engaged Health Safety and Environmental Officers at three sites. Following table showing the details and contract information as available and will be filled up in time when required.

Table-7: Environmental Safeguard Focal Persons

Name	Designation and Organization	Email	Contact Number
Engr. Md. Harunor Rashid	Environmental Specialist, PMU-UGC	engr.harun2016@gmail.com	88-01711-884148
Mohammad Zabed Alam Mridha	Safeguard Focal Person, PIU-DU	Zabed2002@gmail.com	88-01715-364130
Muhammad Sheikh Sadi	Safeguard Focal Person, PIU-BUET	Sadi_ce@yahoo.com	88-01911-758287
Md. Nazmus Sakib	Safeguard Focal Person, PIU-JUST	Nasakib.0161988@gmail.com	88-01759-205175
Md. Shohel Rana	HSE Officer, Contractor-DU Site	Shohelrana65746@gmail.com	88-01712-729431
	HSE Officer, Contractor-BUET Site	To be mobilized upon contract award	
	HSE Officer, Contractor-JUST Site	To be mobilized upon contract award	

30. PIU will ensure the preparation and submission of Site-specific Environmental Management Plan (SEMP), Health Safety Plan (HSP) and Labor Management Plan (LMP) by the Contractor after completion of contract with PIU. The submission of above documents will be obligatory by the contractor and included in the contract document. PIU will forward to PMU for review and approval from PMU and ADB is a requirement prior to commencement of works. It is the obligatory to the experienced and capable awarded contractors, but if needed PMU will support to the concerned person of the Contractor to prepare the above document. In the introductory meeting with the contractor of DU in presence of PIU Officials of DU on May 06, 2026, the contractor is instructed to prepare safeguard document (C-ESMP, EH&S Plan, LMP, and TMP) within the month of July 2026. PMU Environment Specialist assured them necessary support to them in preparation of the safeguards document. The template report of other project has been shared to the contractor for their support. But they failed to submit the reports in time. In the meantime, several reminders were given to DU PIU and also to the contractor's personnel. At last, they committed to submit them by the end of August 30, 2026. All the required reports will be included in the next SEMR.

B. Status of Environmental Management Plan

31. Three IEEs were prepared during feasibility study period for the three proposed buildings. As the design and location of building at JUST campus is shifted to one corner to the other in the previously selected plot and the previous baseline status (under constructed building in the JUST

campus are completed and in operation now) is positively changed, ADB Safeguard Team suggested to update the previously prepared IEE and EMP. Proposed building site has been visited by Environment Specialist of PMU. Several discussion meetings were held with PIU, JUST and other related stakeholders. Baseline information also collected from the surrounding area and from secondary sources. The updated IEE has been prepared and forwarded to ADB for their review and comments. After receiving the comments and recommendations the revised IEE has been prepared and submitted to ADB for their concurrence with incorporation of the ADB comments and recommendations. As the baseline condition has been little bit changed or positively upgraded from the PPTA period, updated baseline monitoring indicators has been fixed now and the baseline environmental monitoring test (air, noise, ground water, surface water, drinking water and soil) has been done for updating the previous IEE.

32. For finalization of the design of Green Building Concept at JUST and BUET several review, workshop, comments and consultation meeting were held in PMU Office, UGC Office and JUST, VC Office on Architectural Design. Comments and Suggestions from ADB, VC of JUST and PMU Consultants are incorporated in the proposed design. These are environmental, Climate Change, Green Building Concept, Gender Issues and sustainable building design. A detail discussion and close communications were made from PMU with JUST and BUET. The updated EMP, Site-specific monitoring items have been included in the bid document and BoQ with adequate budget, also in the contract document and finally done as per commitment. Photographs at JUST are shown during previous SEMR, no further visit and nor any photographs are taken during this reporting period January-June 30, 2026.





Discussion meeting with JUST PIU on 28.07.2025



Design Review Meeting at JUST on 07.08.2026

33. Tender was floated in **DU** for construction of 13-storied IT Hub Building with 15-storied foundation including 2 basements after approved design and bid document. Evaluation of tender and approval from the Cabinet Committee of Government Purchase (CCGP) has been obtained following governmental law and procedures. Contract signing with the contractor has been completed on January 12, 2026. Inauguration ceremony was held on January 31, 2026 at DU Vice Chancellor's office premises officially. Handover of the construction site to the contractor has been done on March 11, 2026 officially and the site handover certificate is including in **Annex-10**. Shifting of existing staff has been completed during the month of May 2026. As the tender was floated earlier, "Form CoC: Environmental, Health and Safety Code of Conduct for Contractor's personnel" was included in General Specifications of the bid document. During submission of tender, the responsive evaluated bidder submitted the signed CoC Form, Environmental, Health and Safety (EHS) Management Plan, Site Specific Environmental, Health and Safety Management Plan (EHSMP). It was decided during the meeting with ADB Mission and Vice Chancellor of DU on April 29, 2026 that the introductory meeting was planned on May 06, 2026 with the Contractor of DU site and PMU Consultants in presence of DU PIU officials. A meeting was arranged at the DU Director of Planning and Development (DPD)'s office. As per decision in the meeting VC DU with the concern responsible persons and the contractor's representatives visited the project site on May 07, 2026 and decided that the entrance road will be widened with required space. According to the decision, widening of entrance road has been completed for entrance heavy and wider vehicles and equipment. During visit to the project site, it was confirmed that all the existing staffs from the project site were shifted to the newly constructed residential/dormitory building in other side of the DU campus. The contractor is also instructed in the meeting to prepare safeguard document (C-ESMP, EH&S Plan, LMP, and TMP) within the month of July 2026. Procurement and mobilization of contractor's manpower has been initiated during the month of May and June 2026, dismantling of existing structures has been completed, construction of entrance gate, project site boundary fencing and construction of temporary labor shed has been completed. Soil rotary boring (Vertical

Auger Boring), fabrication of rebar, procurement of concrete materials from batching plant has been started as per design layout of shore piles and pre-mix design. Formation of GRC has been completed on June 04, 2026 as per direction of the project PAM and approved by the DU Authority finally by VC of DU. As the IEE report was prepared during feasibility study period and duly approved by ADB, the approved IEE has been uploaded in the ADB and PMU website. PIU DU also confirmed that construction water will be used from existing Deep Tube Well installed in the university campus. No additional DTW is required for the contractor for using in construction work.

34. After review and approval of design, drawing, bid document, BoQ, EMP and ECoP from ADB, tender has been floated and received and opened of the tender was on April 19, 2026. Pre-bid meeting has been arranged by the **BUET** PIU on March 14, 2026 at BUET CSE premises. PMU Procurement Consultant, Environment Specialist and Gender Specialist were present at the pre-bid meeting with BUET PIU officials. Design Consultant team and interested contractors were also present at the meeting. Required environmental safeguard documents i.e. IEE, EMP, ECoP, Environmental Specifications are included in the Appendix D1, D2, D3 of the floated tender document. EMP items were also included in the tender BoQ. After receiving of the tender, evaluation is in progress by the tender evaluation committee at BUET. There were two private graveyards at proposed building site at BUET. In the meantime, those two graveyards are already shifted to the other suitable place in the BUET campus following ritual procedures and mutual agreement with the relatives of buried deceased. BUET PIU also confirmed that Construction water will be used from BUET internal DTW, no additional DTW will be required for using as construction works.

35. After review and approval of design, drawing, bid document, BoQ, EMP and ECoP from ADB, tender has been floated by **JUST** and received and opened on March 30, 2026. Required environmental safeguard document has been incorporated in the tender document, contract document, design, drawing and BoQ. The tender document has been included all the environmental safeguard document i.e. updated IEE, EMP, ECoP in Appendix R, M, Q, & S and required environmental monitoring items in BoQ. As per comments and recommendation from ADB on submitted updated IEE, the revised updated IEE has been submitted with incorporation of ADB's comments to ADB for their concurrence. During discussion with PIU Head of JUST, they assured that construction water will be supplied from available existing DTW at JUST campus, no additional DTW is required to install for the contraction works.

Table-8: Compliance Status with Implementation of EMP measures during January-June 2026

University of Dhaka (DU)					
Sl. No.	Project Activity	Mitigation/Enhancement Proposed in IEE	Actual Measures Already Implemented	Implementation Status	Recommended Action
1	Evaluation complete	Site specific EMP and monitoring items should be including in Contract	Partially implemented	In Progress	Instruction letter forwarded to PIU and actions has been taken
2	Contract Signed	EH&SMP and ECoP included in the Contract Document	Implemented	Completed	Contractor is instructed to implement during construction
3	Shifting of existing staffs from the project site	All the existing staff have been shifted to the newly constructed residential/dormitory building in other side of DU campus.	Implemented	Completed	No further action required
4	Dismantling of existing structures	All the existing staff quarters have been removed from the site	Implemented	Completed	Debris from the existing structures should be removed with care
5	Construction of labor shed, Entrance Gate and boundary fencing	Construction of all the structures is in progress	Partially implemented	In Progress	Contractor is instructed to complete immediately
6	Shore piling work	Rotary/Auger boring and Batching plant located at other location is using to minimize vibrations, dust and excessive noise	Implementation is in progress	In Progress	Contractor is instructed to implement with care

Bangladesh University of Engineering and Technology (BUET)					
Sl. No.	Project Activity	Mitigation/Enhancement Proposed in IEE	Actual Measures Already Implemented	Implementation Status	Recommended Action
1	Architectural Design	Included in Design	Implemented	Completed	No further action is required
2	BoQ & Bid Document	Included in Bid Document	Implemented	Completed	No further action is required
3	Relocation of Graveyards	Relocate before implementation of works	Already implemented following the ritual and consent from relatives of buried deceased	Completed	No further action is required

4	Arrangement Pre-Bid Meeting	Pre-bid meeting was arranged by BUET PIU with PMU, CSC and the interested contractors	Implemented	Completed	No further action is required
5	Evaluation of Tender	Site specific EMP and monitoring items, ECoP, Environmental specifications should be including in Contract Agreement	Partially Implemented	Evaluation is in progress by TEC, BUET	Evaluation should be completed in time

Jashore University of Science and Technology (JUST)					
Sl. No.	Project Activity	Mitigation/Enhancement Proposed in IEE	Actual Measures Already Implemented	Implementation Status	Recommended Action
1	Architectural Design	Included in the Design	Implemented	Completed	No further action required
2	BoQ & Bid Document	Included in Bid Document	Implemented	Completed	No further action required
3	Update of IEE	EMP updated as per updated IEE	Implemented	Completed	Revised IEE has been completed, concurrence is required by ADB
4	Evaluation of Tender	Site specific EMP and monitoring items, ECoP, Environmental specifications should be including in Contract Agreement	Partially Implemented	Evaluation is in progress by TEC, JUST	Evaluation should be completed in time

C. Capacity Building

36. Capacity building is aimed as orientation and training of project implementation staff in ADB's safeguard policy and under management by the Environment Specialist at the beginning of project implementation, including procedures for monitoring and reporting. Training is being provided for the staff of the PMU and PIU, Supervision Consultant team as well as Contractor's Supervisory staff and workers. Awareness program on Occupational Health and Safety to the workers at each site through direct engagement on safeguard issues at the beginning of work and also in construction period in different time after engagement of the contractors. Details will be included in next EMR as when require and as per every implementation stage of works.

37. It was noticed earlier in this report that construction works are initiated in DU project site. Due to the space constraint in and around the project site, new construction of site office may not be possible. It was decided by the DU Authority that an existing structure adjacent and outside the project site will be converted to a "project site office" with required renovation, repair, facilities and providing furniture. After establishment of site office formal training, awareness program will be

arranged and details will be shared in next SEMR. There is no suitable space/shed in and around the DU project site to arrange any meeting with the contractor's personnel and supervision consultant team. For this reason, informal instructions regarding safety, security and health consciousness during construction works to the Contractor, their workers and Supervision Consultant team has been given. Following the given instructions, contractor arranged tool box talk at every morning before starting the work, using adequate PPE during perform the construction activities, provide number of dust bins near worker's activities places, temporary cooking areas, provide first aid box with suitable medicine & gauge bandage, cotton role etc. Contractor has been provided filtered drinking water to the workers and staff.

V. SAFEGUARD MONITORING RESULTS AND UNANTICIPATED IMPACT

A. Environmental and Social Performance Indicators

38. Environmental monitoring will occur at the project site by observing performance during project implementation. Environmental specifications have been included in construction tender documents and contract document in due time, allowing impacts to be mitigated during the construction phase of the project. The specifications reflect requirements identified in the project Environmental Management Plans (EMPs). A provisional sum is included in the bid price to cover environmental remedial actions for all 3 PIUs, which may be expended in part, or not at all, at the direction of the PIU Head and approval of the Project Director, PMU. BoQ for DU is prepared and approved from ADB. During implementation of the work cost for additional EMP measures and monitoring will be adjusted from provisional sum and other allocated fund. Details will be included in next EMR for other PIU as and when required.

Table-9: Itinerary of monitoring visit up to June 2026

University	Date of Inspection	Purpose of Visit	Key Observations/ Findings	Conducted by Whom
DU	13.07.2025	Site Inspection	To see the status of the project site before construction	Environment Specialist, PMU
	10.04.2026	Site Inspection	To see the existing staff relocated or not	Environment Specialist, PMU
	29.04.2026	Attended the meeting with VC and ADB Mission	To accelerate the removal of existing staff from the site	PMU Officials, Consultants and ADB Mission
	06.05.2026	Attended the introductory meeting with PIU, CSC and the Contractor	For confirmation of the shifting of existing staff from the site and finally seen that staffs are left from the site.	Environment, Gender Specialist, PMU
	12.05.2026	Attended the Workshop at DU organized by UGC and site inspection	Maintained the UGC invitation to attend the workshop and to see the activities of the contractor at site.	Environment Specialist, Higher Education Specialist & Woman IT Leadership Program Specialist PMU
	25.06.2026	Site Inspection	To see the activities for preparation of shore piling works.	Environment Specialist, PMU

	30.06.2026	Attended the inauguration ceremony of shore piling	To the process the shore piling works	Environment Specialist, PMU
BUET	13.07.2025	Site Inspection	To see the present condition of the project site	Environment Specialist, PMU
	14.03.2026	Attended Pre-bid Meeting	Awareness to provide the safeguards document in the bidding process to PIU and interested contractor for participate in bid	Procurement, Environment, Gender Specialist, PMU
	13.04.2026	Attended the meeting with interested contractor to participate in bid	Awareness to provide the safeguards document in the bidding process to PIU and interested contractor for participate in bid	Procurement, Environment, Gender Specialist, PMU
JUST	28.07.2025	Site Inspection	To see the present condition of the project site	Environment Specialist, PMU

B. Project Safeguard Monitoring

39. The system for environmental monitoring will be mobilized once projects are underway and construction contracts are let. After shifting of all the existing staffs has been completed at DU, construction site handed over to the contractor physically. Dismantling of existing structures have also been completed. With consultation between the treasury department of DU and the Contractor, debris created from dismantled structures has been removed from the site with care and help of DU Authority. Partial of debris are kept at the corner of the project site. Treasury Department will arrange an auction/spot sale to dispose the created debris and clear the project site as soon as possible. Removal of trees has also been completed as per project implementation requirement. In the introductory meeting at DPD, DU office on May 06, 2026, it was decided that a tree plantation plan will be prepared by the Directorate of Arbory Culture of DU under the Department of Botany by September 2026. The trees plant will be supplied the contractor as 150 numbers of tree plants are available in BoQ of DU Contract. Arbory Culture of DU will prepare a tree plantation plan in the DU Campus to fulfill the compensation plants against 24 numbers of trees Mango, Jack Fruits and betel nuts in small and 4 big. The Construction site office has not yet been

constructed but informal instruction has been delivered to the contractor and his supervisory staffs with CSC personnel. As no works have reached the stage of implementation for two other PIUs at BUET and JUST, so the monitoring system is not yet activated.

40. A WhatsApp group has been initiated with Construction Supervision Consultant (CSC) Residential Engineer, Contractor's Focal Person and PIU officials for observation of day to day updated activities at construction site of **DU**. The system will further be updated with observations and checklists for comparison with contractor performance in line with the construction specifications and the project EMP. As the mobilization advance to the contractor has been received on June 30, 2026 after fulfil the official formalities in PMU, ADB and DU PIU. Initiatives has been taken for conducting the environmental monitoring test (Air Quality, Noise Quality, Vibration due to piling works, Soil, Drinking and Ground Water) at DU site. Due to the continuous raining in Dhaka and also all over the Bangladesh, fixation of date for monitoring field test was delayed. Finally planned to conduct in July 2026 and monitoring test result will be shown in next SEMR. Use of PPE, toolbox talk, providing of first aid box, dust bins and filtered drinking water at project site. Performance tracking will be used in a manner that provides consistent semi-annual reporting, with the objective of improving performance of contractors.

C. Project Safeguard Performance

41. In project site of **DU** there were 14-room bachelors' staff quarters, single floor, tin shed complex, some trees in the yard, and a water source (two faucets) for the occupants. The bachelors' staff quarters serve as residence for DU male staff members generally from lower-level positions (Third Grade or lower). During the visit to the project site on May 06, 2026, all the staffs were shifted to the newly constructed residential/dormitory building near Palashi area in DU own land with issuance of official allotment letters. Main access to the site is through a secured gate connected to the Sociology Building. The site is bounded to the north by the Faculty of Fine Arts, to the south by the Faculty of Social Sciences, to the east by the Mausoleum of Poet Kazi Nazrul Islam, and to the west by the Institute of Business Administration (IBA). Dhaka University Central Mosque is located southeast of the proposed site. Official Inauguration ceremony has been arranged at VC's office premise for the proposed building on January 31, 2026. Handover of the construction site to the contractor has been done on March 11, 2026 officially. Dismantling of existing structures have been done in the month of May 2026. With consultation between DU Treasury Department and the Contractor, it was decided that debris from dismantled existing structures (Tins, Pieces of Wood, pieces of steel frame of windows, Broken Bricks and dry Plastering Materials) keeping stack piled at the corner of the project site temporarily. No asbestos or suspected asbestos-containing material was found during demolition. Raining was common phenomena during the month of May-June, creation of extra dust due to dismantling works were not made any uncomfortable situations at the project site and surrounding area. Treasury department will arrange an auction/spot sale for the

debris following university administrative rules. DU authority is requested further to remove the debris from the site as soon as possible. It was also decided that the existing mango trees (2 big + 6 small), jackfruits trees (2 big + 11 small) and betel nut trees (3) have been removed by the contractor and preserved those in a safe place under treasury department of DU. They will arrange an auction/spot sale for disposal of trees following university administrative procedures. There are 150 numbers of trees are available in the contractor's BoQ. Tree Plantation Plan (TPP) over the DU campus will be developed by the Directorate of Arbory Culture, DU under the Department of Botany by the September 2026. Entrance road to the project site has been widened for movement of heavy and wider construction equipment and vehicles. Inauguration meeting for construction of shore piling works was held on June 30, 2026. Rotary and vertical auger boring is using for piling works for minimizing creation vibration and noise. Ready mix plant is also been used in concreting works for minimizing of creation of dust, noise and minimum presence of works at construction site as the DU campus is always crowded with students and others. A letter has been issued from PD, ICSETEP to PIU Head copy to DPD, DU and ADB for conducting the environmental baseline monitoring field test. **(Annex-11)** The contractor has also been instructed by DU PIU for conducting the above test program in suitable time. Photographs showing the activities at DU up to the reporting period of June 30, 2026.

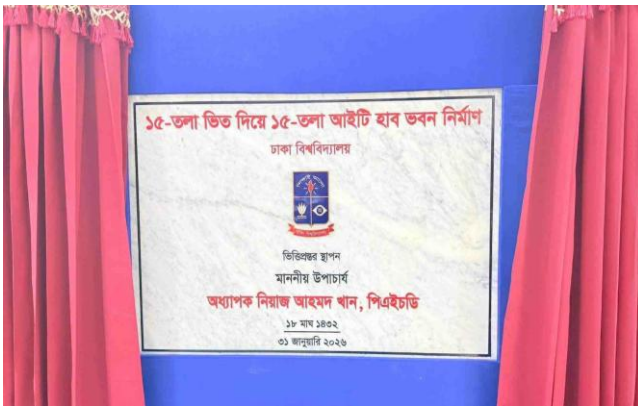
	
Entrance to the DU site from Unuversity Campus, Date 13.07.2025	Entrance of Proposed Site at DU, Date 13.07.2025



Existing Tin Shad Structures at Proposed Site at DU, Date 13.07.2025



Consultation Meeting PIU Head, DU at his office, Date 13.07.2025



Inauguration ceremony of the proposed building at DU on 31.01.2026 at VC Office Premises



Meeting with VC and ADB Team on 29.04.2026



Introductory meeting with Contractor on 06.05.2026



Staff has been shifted to the newly contracted dormitory building in the other side of DU Campus



Demolition of existing structures inside the project site. Date of Photograph 12.05.2026



Widening of Entrance Road to the project site during visit on 12.05.2026



Demolition of existing structures inside the project site. Date of Photograph 12.05.2026



Inauguration meeting for construction of Shore Piling on 30.06.2026



Auger Rotary boring for the Shore piling works



Construction of Entrance Gate date 30.06.2026



Dust Bin inside the project area



Carrying of Concrete Mixer from the Pre-Mix Batching Plant



Debris stack pile at the corner of the project site



Existing structure (left) will be used as site office after renovation works



Toolbox meeting at the project site



First Aid Box available at the project site



Lowering Rebar Casing inside the Shore pile



Rebar Checking inside shore pile

42. The proposed site at BUET is visited in the same day, met and discussed with PIU Head and **BUET** Engineering section's Executive Engineer regarding the status of the implementation of the proposed building and others issues. The Architectural design with drawing, Structural design, estimation, preparation of BoQ is also completed and forwarded to ADB for their review and comments. Two separate graveyards the noted in the document during PPTA period are already relocated to the suitable another place nearby and within the BUET area following the Muslim ritual and mutual discussion and permission from the relatives of buried deceased. PIU assured that EMP and site-specific EMP items and environmental monitoring items will be included in BoQ with adequate budget in the bid document and contract document.

	
Discussion with BUET PIU at BUET, Date 13.07.25	Visit at BUET proposed site, Date 13.07.2025
	
Discussion with relatives of buried deceased with the presence of Head Imam of BUET Mosque 05.01.2022	2 Separate Graveyards previously at the BUET Proposed Site, Date 05.01.2022
	
Proposed Building Site at BUET from Top, Date 13.07.2025	2 Graveyards relocated during 2022 and now in the present location at BUET campus, present photograph



Attended the pre-bid meeting with the interested Contractor with BUET PIU and Design Consultant at BUET on 14.03.2026



Attended the discussion meeting with the interested Contractor with BUET PIU and Design Consultant at BUET on 13.04.2026

Photographs showing the activities up to June 30, 2026 at BUET

VI. IMPLEMENTATION OF GRIEVANCE REDRESS MECHANISM

Establishment of Grievance Redress Committee (GRC) is obligatory function by the PMU and PIU during implementation stage. The GRC will be chaired by the PMU Head and members consist of representative from the local government, representative of contractor(s), and a representative from the PIU as per direction of Project Administration Manual (PAM). The environment specialist of PMU will act as the member secretary of the GRC. Cost of implementing the GRM will be borne by the PMU. Transparency in handling complaints filed and resolved will always be observed. The GRC will convene once a month to resolve the complaints received against the project (if any), will maintain a record of complaints received and resolved and will advise the complaint on the decision made. Filing of complaint can be either in writing or by phone. A sample of complaint in Bangla will be displayed near the complex box which will be at the project site in visible location of the project site. The complaint can seek redress in three levels: (i) through the PIU at each university or through the site engineer of the contractor; (ii) through the GRC; and (iii) the appropriate courts of law, consistent with ADB's Policy Statement, the disclosure material should also inform affected persons of ADB's Accountability Mechanism. As the implementation of the proposed building at DU has been started in May-June 2026, GRC has been formed at DU as directed by the DU University Authority and approved by the Vice Chancellor of DU on June 04, 2026. The copy of the "approval notes" by the DU VC and issued letter of GRC is included in **Annex-6**. As the University campus is the partially restricted area, influence of local representatives is not effective over the DU campus, DU Proctorial Body has been included in GRC as approved by the DU Authority. During full construction activities are started and any complain from women, committee may be updated if required. A phone number will be displayed under the "complain box", then any directly affected person can inform/complain his issue. As the establishment of site office is not yet completed, full mechanism of GRM (complain box, complain register book, awareness sign) cannot be displayed at the project site. It was informed by the PIU Head of DU and the Contractor, Establishment of site office will be completed by August 15, 2026 after replacing existing equipment of DU from the proposed site office building to the other suitable place of DU. No environmental or social grievances were reported during the current reporting period.

43. As no works are in implementation stage and award of contract not yet done for two other PIUs formation of GRC not yet completed.

Public Consultation:

Table-10: Cumulative consultation meetings conducted up to June 2026

Universities	Type of consultation meeting	Category of Participant	No. of Participant		
			Male	Female	Total
JUST	Finalize the Architectural Design of the Building and include building feature as required in the design with Design Consultant team	JUST Academic Personnel and Engineering Section, PMU Officials with Consultant and UGC Representative	22	4	26
					
Design review meeting at JUST on 07.08.2025		Design review meeting at PMU 24.07.2025			
					
Introductory meeting with Contractor of DU on 06.05.2026		Inauguration meeting for construction of Shore Piling at DU site on 30.06.2026			
No formal consultation meeting were held with relocated DU staffs during shifting from the project site to the newly constructed residential building within the DU campus.					
No further Consultation meeting is arranged, at JUST and BUET as no physical development yet to be started during this reporting period (January to June 2026)					

VII. CONCLUSION AND RECOMMENDATIONS

44. ICSETEP Project implementation is in beginning stage; construction works at DU site has been started in the month of May through June 2026 and safeguard compliance is an important and highly valued aspect. GRC has been established for DU PIU on June 04, 2026. Due to delay of establishment of Construction Site Office all the required component of GRM will be arranged. All elements are in place for enacting an efficient safeguard framework, beginning with preparation of environmental review documents, incorporation of special conditions for environmental, labor's health safety and social measures in contract procurement documents, and a high level of awareness among PMU, PIU and project staff. All the environmental safeguards required documentation already included in the bid document and contract document. Further work to be taken up in the next reporting period (July – December 2026) focuses on a system for monitoring implementation of mitigation measures; enactment of the grievance redress mechanism; and awareness and training of PIU staff with the contractor's staff.

Table-11: Recommended Corrective Action Plan for Next Reporting period (July-December 2026)

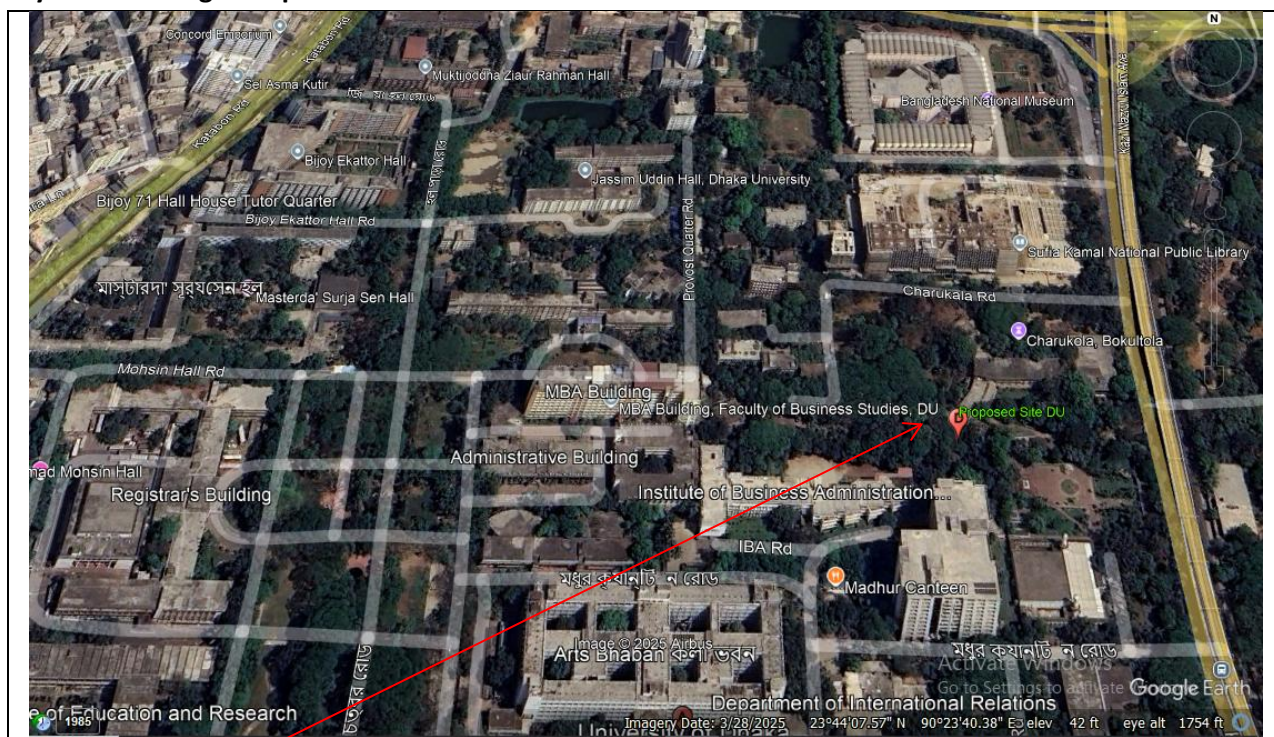
Sl. No.	Issues	Universities	Recommended Corrective Action Plan	Responsibility	Target Date
1	GRC/GRM not formally established	BUET and JUST	Formally constitute the GRC through official order, disclose GRM at all sites (signboards, complaint boxes), and maintain grievance register	PMU, PIUs	Original-Q3 2026 Revised-Q4 2026 As per PAM, Contractor's representative will be one member of GRC, Wait for Contract award.
2	GRC/GRM established	DU	Formally GRC has been established, but signboards, complaint boxes and complain register book not displayed due delay of establishment of site office	PIU, Contractor	July 30, 2026
3	Baseline environmental monitoring not conducted	DU, BUET, JUST	Conduct baseline air, noise, and water quality monitoring through accredited laboratory and include results in SEMR	PMU, PIUs	By July 15, 2026 for DU, delayed due to payment of mobilization advance to the contractor; BUET and JUST in Q4 2026

4	EMP and site-specific measures not fully evidenced in BoQs/Contracts	DU, BUET, JUST	Attach sample BoQ pages and tender clauses showing EMP integration and provisional sums	PMU, PIUs	Done for DU; BUET and JUST in Q4 2026
5	Capacity building and safeguard training not delivered	DU, BUET, JUST	Implement safeguard training (ADB SPS, EMP, OHS, GRM) and Annex attendance sheets, photos, agendas	PMU, PIUs	By July 30, 2026 for DU; BUET and JUST in Q4 2026
6	SEMP, HSP, and LMP preparation not evidenced	DU, BUET, JUST	Develop templates, obtain contractor submissions, and document PMU approvals	PIUs, PMU	By July 30, 2026 for DU; BUET and JUST in Q4 2026

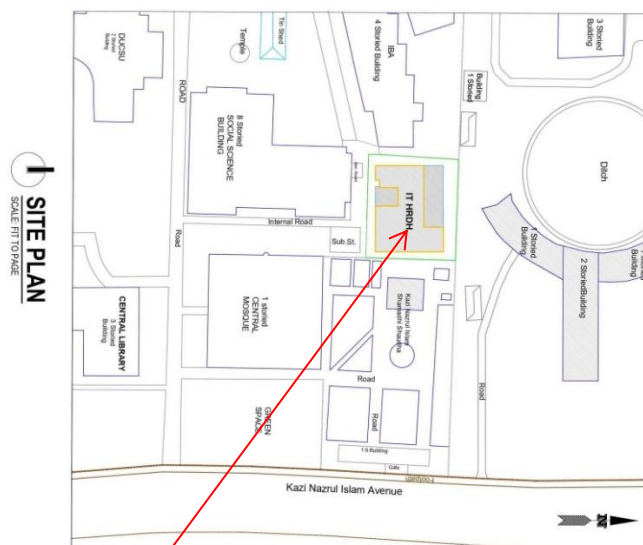
Annexures

Annex-1: Layout and Location Maps for 3 proposed project sites

Layout and Google Map of DU Site

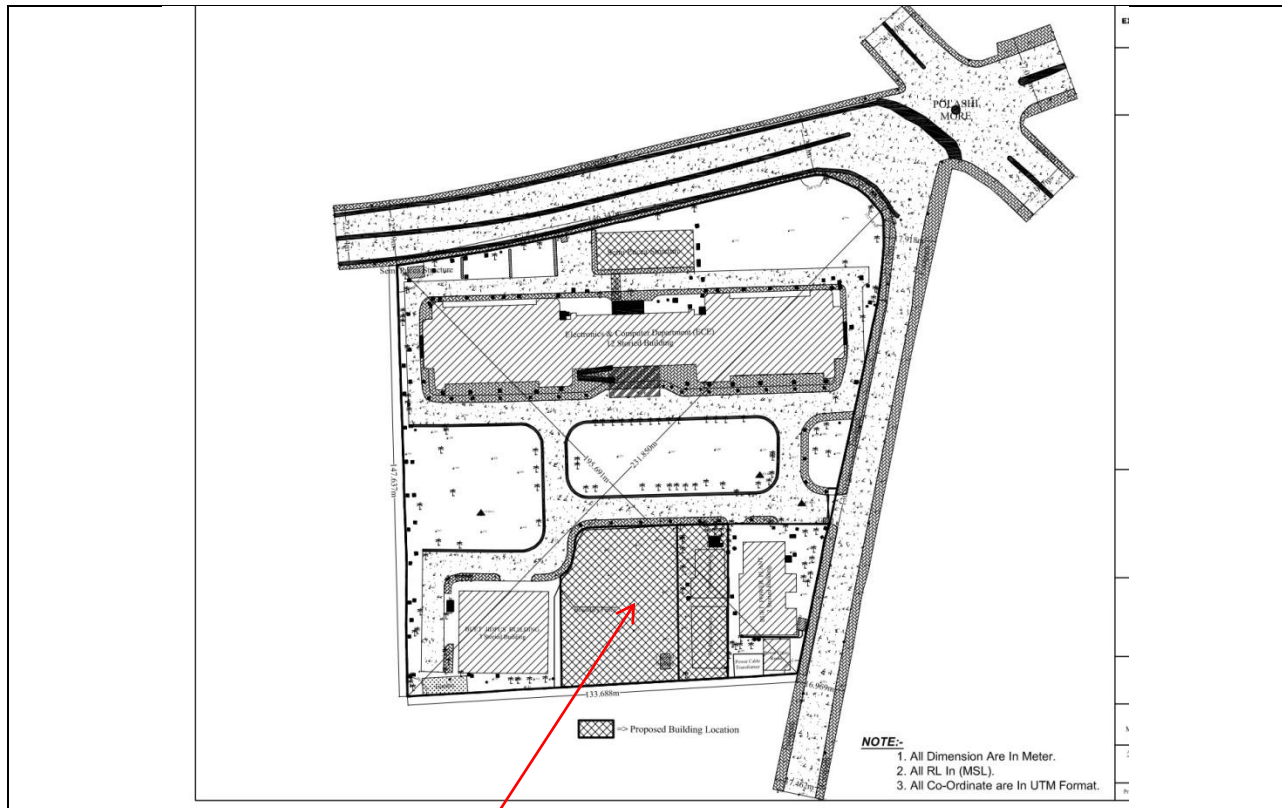


Proposed Site at DU in Google Map showing Co-ordinates and Elevation from MSL



Layout Plan for the proposed building at DU

Location Map and Google Map of BUET Site

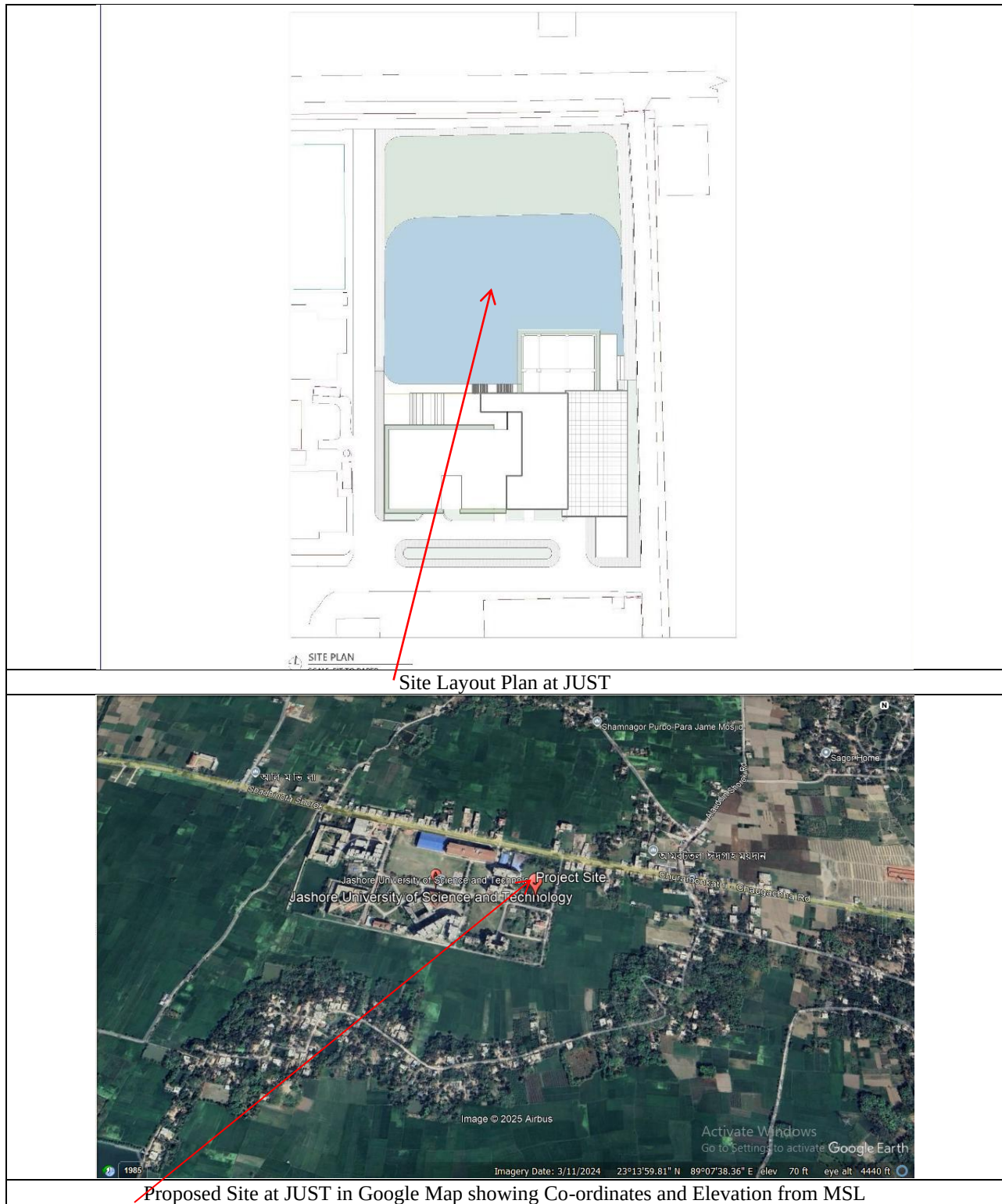


Location Map of BUET Site



Proposed Site at BUET in Google Map showing Co-ordinates and Elevation from MSL

Site Layout Plan and Google Map of JUST Site



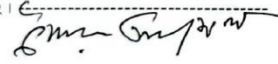
Annex-2: Consent Letter to BUET Authority from Relatives of Buried Decease at BUET Site

সম্মতি পত্র

শহীদ বীর মুক্তিযোদ্ধা সৈয়দ শফিকুর রহমান "বনি"-এর একমাত্র জীবিত ওয়ারিশ এবং সহোদর ভাই হিসেবে আমি, মোঃ মতিউর রহমান, পিতা মৃত: সৈয়দ মোহাম্মদ আলী, মোহন ভিলা (মেরিমেন্ট কমিউনিটি সেক্টরের বিপরীতে), বাসা নং ৮, রোড নং ৫/এ, মিরপুর-১১, ঢাকা- এই মর্মে সম্মতি প্রদান করছি যে, বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়ের একাডেমিক কাজের সুবিধার্থে এবং জাতীয় স্বার্থে বিশ্ববিদ্যালয়ের পশ্চিম পলাশীস্থ ক্যাম্পাসে অবস্থিত আমার সহোদর ভাই শহীদ বীর মুক্তিযোদ্ধা শফিকুর রহমান "বনি" এর কবর যথাযথ মর্যাদার সাথে স্থানান্তরের ব্যয় ও স্ব-জ্ঞানে সম্মতি প্রদান করে সহি সম্পাদন করলাম।

উপস্থিত ব্যক্তিবর্গের স্বাক্ষর ও তারিখ

১. 
০৫/০১/২০২২
শহীদ মুক্তিযোদ্ধা
মোঃ এনায়েতুল করিম খান
কমাতার
চকবাজার থানা কমাতা
বাংলাদেশ মুক্তি যোদ্ধা সংসদ
০১৭১২৭৩৮৫০৯

২. 
০৫/০১/২০২২

সম্মতি প্রদানকারীর স্বাক্ষর ও তারিখ

মোঃ মতিউর রহমান
০৫/০১/২০২২
মোঃ মতিউর রহমান
(শহীদ বীর মুক্তিযোদ্ধা সৈয়দ শফিকুর রহমান
"বনি" এর সহোদর ভাই)
মোহন ভিলা (মেরিমেন্ট কমিউনিটি সেক্টরের বিপরীতে)
বাসা নং ৮, রোড নং ৫/এ, মিরপুর-১১, ঢাকা।
জাতীয় পরিচয় পত্র নং ৫৫০ ০৫৮ ৬৬২০

Annex-3: Letter to DoE for confirmation ECC for the project ICSETEP and Response from DoE

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন (ইউজিসি)
ইমপ্ৰুভিং কম্পিউটার এন্ড সফটওয়্যার ইঞ্জিনিয়ারিং টারশিয়ারি এডুকেশন প্রকল্প (ICSETEP)
প্রকল্প ম্যানেজমেন্ট ইউনিট (PMU)
লেভেল-৯, বাংলাদেশ কপিরাইট ভবন
আগারগাঁও প্রশাসনিক এলাকা, শের-ই-বাংলা নগর, ঢাকা-১২০৭
www.icsetep.ugc.gov.bd

Ref: UGC/ICSETEP/Miscellaneous/2025/71-1212

তারিখ: ০৬/০১/২০২৬ খ্রি.

বিষয়- পরিবেশ আইন, ২০২৩ এর তফসিল-১ এ বর্ণিত কমলা শ্রেণির প্রকল্পের ক্রমিক নং ২৫ঃ আবাসিক ও বাণিজ্যিক ভবন (৫,০০০ থেকে ২০,০০০ বর্গমিটার পর্যন্ত বিল্ডআপ এরিয়া) এর সুস্পষ্ট ধারণা প্রসঙ্গে।

উপর্যুক্ত বিষয়ের পরিপ্রেক্ষিতে জানানো যাচ্ছে যে, মাধ্যমিক ও উচ্চ শিক্ষা বিভাগের আওতায় এবং বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন কর্তৃক Improving Computer and Software Engineering Tertiary Education Project (ICSETEP) শীর্ষক প্রকল্পটি বাস্তবায়িত হচ্ছে। বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশনের সাথে প্রকল্প বাস্তবায়নকারী ইউনিট (পিআইইউ) হিসেবে ঢাকা বিশ্ববিদ্যালয় (DU), বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয় (BUET) এবং যশোর বিজ্ঞান ও প্রযুক্তি বিশ্ববিদ্যালয় (JUST) রয়েছে। বাংলাদেশ সরকার ও ADB এর আর্থিক সহযোগিতায় প্রকল্পের আওতায় ঢাকা শহরে BUET Campus area এর মধ্যে ৩,১৮০ বর্গমিটার জায়গায় ১০ তলা, DU Campus area এর মধ্যে ১,৮৫৮ বর্গমিটার জায়গায় ১৩ তলা, এবং যশোর জেলায় JUST Campus area এর মধ্যে ৩,২৫৩ বর্গমিটার জায়গায় ১০ তলা বিশিষ্ট বহুতল ভবন নির্মাণ করা হবে।

পরিবেশ আইন, ২০২৩ এর তফসিল-১ এ নির্দেশিত কমলা শ্রেণির প্রকল্পের ক্রমিক নং ২৫ঃ আবাসিক ও বাণিজ্যিক ভবন (৫,০০০ থেকে ২০,০০০ বর্গমিটার পর্যন্ত বিল্ডআপ এরিয়া) উল্লেখ আছে। প্রকল্পের আওতায় ভিন্ন অবস্থানে ৩ টি ভবন নির্মাণ করা হবে।

উল্লিখিত প্রকল্পের ৩টি ভিন্ন জায়গার জন্য পরিবেশ ছাড়পত্রের ব্যাপারে দিকনির্দেশনা প্রদানের জন্য অনুরোধ করা হচ্ছে।


প্রফেসর গাজী মোঃ নজরুল ইসলাম
প্রকল্প পরিচালক (অতিরিক্ত দায়িত্ব)
ই-মেইল: pd-icsetep@ugc.gov.bd
মোবাইল: ০১৬৭৫৫০১৪৬৩

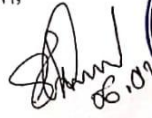
মহাপরিচালক
পরিবেশ অধিদপ্তর, প্রধান কার্যালয়,
পরিবেশ ভবন, ই/১৬ আগারগাঁও, শেরে বাংলা নগর, ঢাকা ১২০৭।

দৃষ্টি আকর্ষণঃ- পরিচালক, (পরিবেশগত ছাড়পত্র), পরিবেশ অধিদপ্তর, প্রধান কার্যালয়, পরিবেশ ভবন,
২য় তলা ই/১৬ আগারগাঁও, শেরে বাংলা নগর ঢাকা ১২০৭।

স্বাক্ষরিতঃ

। চেয়ারম্যান, বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন, আগারগাঁও, ঢাকা;
। অফিস নথি।




০৬.০১



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার
পরিবেশ অধিদপ্তর
পরিবেশ ভবন, ই-১৬, আগারগাঁও
শেরে বাংলা নগর, ঢাকা-১২০৭
www.doe.gov.bd

স্মারক নং-২২.০২.০০০০.০১৮.৫২.০০০১.২৬। ২/৯

তারিখ: ২২/০১/১৪৩৩ বঙ্গাব্দ
০৪/০৫/২০২৬ খ্রিস্টাব্দ

বিষয়: পরিবেশ আইন, ২০২৩ এর তফসিল-১ এ বর্ণিত কমলা শ্রেণির প্রকল্পের ক্রমিক নং ২৫ আবাসিক ও বাণিজ্যিক ভবন (৫,০০০ থেকে ২০,০০০ বর্গমিটার পর্যন্ত বিস্তারিত এরিয়া) এর সুস্পষ্ট ধারণা প্রসঙ্গে।
সূত্র: বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশনের ০৬/০১/২০২৬ তারিখের পত্র।

উপর্যুক্ত বিষয়ে সূত্রোক্ত পত্রটি পর্যালোচনায় পরিলক্ষিত হয় যে, মাধ্যমিক ও উচ্চ শিক্ষা বিভাগের আওতায় এবং বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন কর্তৃক Improving Computer and Software Engineering Tertiary Education Project (ICSETEP)" শীর্ষক প্রকল্পের আওতায় ঢাকা শহরে BUET Campus area এর মধ্যে ৩,১৮০ বর্গমিটার জায়গায় ১০ তলা, DU Campus area এর মধ্যে ১,৮৫৮ বর্গমিটার জায়গায় ১৩ তলা, এবং যশোর জেলায় JUST Campus area এর মধ্যে ৩,২৫৩ বর্গমিটার জায়গায় ১০ তলা বিশিষ্ট বহুতল ভবন নির্মাণ কার্যক্রম পরিবেশ সংরক্ষণ বিধিমালা, ২০২৩ এ শিল্প প্রতিষ্ঠান বা প্রকল্পের ছাড়পত্র প্রদানের উদ্দেশ্যে প্রণীত তফসিল-১ এ তালিকা বহির্ভূত এবং তফসিল-১৪ এক্ষেত্রে প্রযোজ্য নয়। এমতাবস্থায় পরিবেশ সংরক্ষণ বিধিমালা, ২০২৩ অনুযায়ী আলোচ্য প্রকল্পের আওতাভুক্ত কার্যক্রম পরিচালনার ক্ষেত্রে ছাড়পত্র প্রযোজ্য নয়।


(মাসুদ হক বাসম মোঃ শামীম)
পরিচালক (পরিবেশগত ছাড়পত্র)
ফোনঃ ০২-২২২২১৮৩৪২

প্রকল্প পরিচালক (অতিরিক্ত দায়িত্ব)
Improving Computer and Software
Engineering Tertiary Education Project (ICSETEP)
বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন (ইউজিসি)
লেভেল-৯, বাংলাদেশ কপিরাইট ভবন
আগারগাঁও প্রশাসনিক এলাকা
শেরে বাংলা নগর, ঢাকা-১২০৭।

অনুলিপি: সদয় অবগতির জন্য-

১) সহকারী পরিচালক, মহাপরিচালক মহোদয়ের দপ্তর, পরিবেশ অধিদপ্তর, ঢাকা।

Annex-4: Monitoring Checklist

OCCUPATIONAL HEALTH & SAFETY COMMITMENT

I, the undersignedas per terms and condition of the submitted bid document and signed contract between the PIU, and the Contractor.....fully aware regarding commitment to maintain the ESMP and the occupational health & safety for the workers and the surrounding communities as per **Reference:** General Condition of Contract (Amendments) Clause 14 & 2 (including additional sub-clause) of Contract document.

Summary of the terms and conditions to be maintained at the work place are given below:

1. Before starting the work activities, worker's attendance register is checked;
2. Pre-start Meeting and Toolbox Meeting (a short, regular meeting between workers and their supervisors to discuss safety issues at the workplace) done daily before commencement of any work;
3. Ensure all the workers will use PPE during work activities, otherwise will not allow to engage in the work;
4. Cleaning of the site is daily, 15 minutes before work and 15 minute after work;
5. Not complying with the safety rules and regulations on site by the workers will be dismissal from the site.

Name of the Site Manager:.....Date.....

Contractor's Focal Person/Responsible Person:.....

Company's H.S.E Representative:.....

Name of the Company:.....

Package No. & Name:.....

Project Title:	ICSETEP, UGC	
Package No:		
Package Name:		
Name of the Contractor:		
Name of Construction Site		
Site Contract Person with Phone no.:		
Description of Item	Comments (Enter N/A if not relevant)	
1. Introduction and Inspection		
Is there an accurate record of all persons on site? E.g. Register book	Yes/No	
Has a weekly health and safety briefing been held this week?	Yes/No	
2. Reporting and Records		
Site Specific ESMP report Submitted?	Yes/No	
EHS Plan Submitted?	Yes/No	
Labor Management Plan (LMP) Submitted?	Yes/No	
Commitment form submitting regularly?	Yes/No	
3. PPE		
Are all personnel on site wearing minimum mandatory PPE on site? i.e. Safety helmet, Safety footwear, Hi-vis Vest, Hand Globs, ear plug during MS Rod/tiles cutting, Hanging belt during work at higher place.	Yes/No	
Do workers have any issues with the PPE provided to them? (ask 2 or 3 workers)	Yes/No	
4. Welfare Facilities		
Is a supply of clean drinking water readily available for everyone on site?	Yes/No	
Are Toilet facilities well light, ventilated, clean and hygienic?	Yes/No	
Are sufficient hand washing facilities provided incl. soap and clean water?	Yes/No	
Are their separate toilet and Washing facilities for male and female?	Yes/No	
5. Site Security & Housekeeping		
Is the site compound adequately fenced to prevent unauthorized access, with warning and information signs?	Yes/No	
Are appropriate safety signs in place e.g. traffic routes, authorized personnel, PPE?	Yes/No	
Housekeeping - Is the site tidy and well laid out? E.g., pathways are clear, no rubbish, no tools/equipment lying about	Yes/No	
Are materials and equipment stored correctly and orderly?	Yes/No	
6. Fire Safety Activities		
Are extinguishers in place and easily accessible?	Yes/No	
Are Buckets are available at site filled with sand?	Yes/No	
7. Excavation and Backfilling Work		
Are barriers in place a minimum 1m from the edge of the excavation?	Yes/No	
Are materials/waste stored directly adjacent to the excavation, or existing structures is adjacent to the excavation?	Yes/No	
8. To be Checked on a monthly basis only (first week of the month)		
Are records of their training available?	Yes/No	
Is there any lacking of safety observations and incidents available on site?	Yes/No	
Are sufficient toilet facilities available?	Yes/No	

Are First-Aid facilities in place and do workers know they are?	Yes/No
Are the Contractor kept contract with nearby clinic or hospital to face if any accident happen during work at site?	Yes/No
Are trained first aiders available on site/nearby?	Yes/No
Are muster points clearly signposted?	Yes/No
Are pedestrian and entrance routes clearly marked?	Yes/No

Additional Comments

Signed:	Signed:	Signed:	Date of this Safety Review:
PIU Representative:	CSC Representative:	Contractor's Representative:	

Annex-5: Form CoC: Environmental, Health and Safety Code of Conduct for Contractor's Personnel in Bid Document at DU

Form CoC: Environmental, Health and Safety Code of Conduct For Contractor's Personnel¹

[Note to the Tenderer: The contents of the Code of Conduct form shall not be modified. The Tenderer shall initial and submit the Code of Conduct form as part of its tender as required by ITT 25.1 (k) of the Tender Data Sheet.]

We are the Contractor, [enter name of Contractor]. We have signed a contract with [enter name of Employer] for [enter description of the Works]. These Works will be carried out at [enter the Site and other locations where the Works will be carried out]. Our contract requires us to implement measures to address environmental, health and safety risks related to the Works.

This EHS Code of Conduct is part of our measures to deal with environmental, health and safety risks related to the Works. It applies to all our staff, labourers and other employees at the Works Site or other places where the Works are being carried out. It also applies to the personnel of each subcontractor and any other personnel assisting us in the execution of the Works. All such persons are referred to as "Contractor's Personnel" and are subject to this EHS Code of Conduct.

This EHS Code of Conduct identifies the behavior that we require from all Contractor's Personnel.

Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

Required Conduct

Contractor's Personnel shall:

1. carry out his/her duties competently and diligently;
2. comply with this EHS Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Contractor's Personnel and any other person;
3. maintain a safe working environment including by:
 - a. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and without risk to health;
 - b. wearing required personal protective equipment;
 - c. using appropriate measures relating to chemical, physical and biological substances and agents; and
 - d. following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;
5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. report violations of this EHS Code of Conduct; and
7. not retaliate against any person who reports violations of this EHS Code of Conduct, whether to us or the Employer, or who makes use of the grievance mechanism for Contractor's Personnel or the project's Grievance Redress Mechanism.

¹ see sample form in page 91 in [User Guide for Procurement of Works—Small Contracts \(adb.org\)](#)

Raising Concerns

If any person observes behavior that he/she believes may represent a violation of this EHS Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done by call [] to reach the Contractor's hotline (if any) and leave a message.

The person's identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

Consequences of Violating the Environmental, Health and Safety Code of Conduct

Any violation of this EHS Code of Conduct by Contractor's Personnel may result in serious consequences, up to and including termination and possible referral to legal authorities.

For Contractor's Personnel:

I have received a copy of this EHS Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this EHS Code of Conduct, I can contact [enter name of Contractor's contact person(s) with relevant experience] requesting an explanation.

Name of Contractor's Personnel: [insert name]

Signature: _____

Date: [day/month/year]: _____

Countersignature of authorized representative of the Contractor:

Signature: _____

Date: [day/month/year]: _____

Annex-6: Approval and Formation of GRC at DU

এডিবি'র অর্থায়নে বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন ও ঢাকা বিশ্ববিদ্যালয় কর্তৃক বাস্তবায়নাধীন "Improving Computer and Software Engineering Tertiary Education Project (ICSETEP)" শীর্ষক প্রকল্পের আওতায় "Construction of two basements and 13-story green and smart building, including sanitary, water supply, electro-mechanical works, computer networking, and more, for the IT HUB at Dhaka University" শীর্ষক কাজের বিষয়ে বিশ্ববিদ্যালয় শিক্ষক, কর্মকর্তা, ছাত্র-ছাত্রী এবং সাধারণ জনগণের লিখিত অভিযোগ গ্রহণ ও নিষ্পত্তির জন্য [সংযুক্ত Project Administration Manual (PAM) এর Clause 56 অনুযায়ী] কর্মকর্তাদের সমন্বয়ে Grievance Redress Committee (GRC) কমিটি গঠনের প্রস্তাব উপস্থাপন করা হলোঃ

কমিটি

১। প্রকল্প পরিচালক, ICSETEP Project	-আহবায়ক
২। প্রকল্প ব্যবস্থাপক, ICSETEP Project, DU, PIO	-সদস্য
৩। প্রতিনিধি, ঢাকা বিশ্ববিদ্যালয় প্রক্টোরিয়াল বডি	-সদস্য
৪। সংশ্লিষ্ট ঠিকাদারের প্রতিনিধি	-সদস্য
৫। জনাব মোহাম্মদ হাবুনুর রশিদ, পরিবেশ বিশেষজ্ঞ, PMU	-সদস্য-সচিব

০২। কমিটির কার্যপরিধিঃ

ক নির্মাণ কাজ সংক্রান্ত বিষয়ে বিশ্ববিদ্যালয় শিক্ষক, কর্মকর্তা, ছাত্র-ছাত্রী এবং সাধারণ জনগণের আপত্তি ও পেশকৃত লিখিত অভিযোগের প্রেক্ষিতে যাচাই বাছাই করে শুনানীর আয়োজন করা। শুনানীর স্থান, তারিখ ও সময় সম্পর্কে আগেই অভিযোগকারীকে অবহিত করা;

খ) প্রয়োজনে সরেজমিনে তদন্তের ব্যবস্থা করা এবং তদন্ত প্রতিবেদন প্রণয়ন ও দাখিল করা;

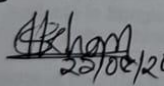
গ) প্রয়োজনীয় তদন্তের পর নির্ধারিত দিনে প্রাপ্ত অভিযোগের ভিত্তিতে শুনানী গ্রহণ করা;

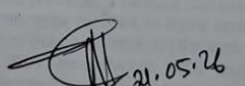
ঘ) শুনানী শেষে সিদ্ধান্তে উপনীত হওয়া এবং কর্ম বিবরণী তৈরী করে উপস্থিত সদস্যের স্বাক্ষর গ্রহণ করা;

ঙ) জিআরসি-র সিদ্ধান্ত কর্তৃপক্ষের অনুমোদনের জন্য পেশ করা এবং সংশ্লিষ্ট অভিযোগকারীকে অবহিত করে তার সন্তুষ্টি সাপেক্ষে সিদ্ধান্ত বাস্তবায়নের সুপারিশ করা;

চ) প্রতিটি অভিযোগ পর্যায়ক্রমে (নিবন্ধন, শুনানী ও সমাপ্তি) পরামর্শক অফিসের দপ্তরে রক্ষিত অভিযোগ ব্যবস্থাপনা বইতে নথিভুক্ত করা, সকল অভিযোগপত্র পরিবীক্ষণ ও মূল্যায়নের জন্য সংরক্ষণ করা।

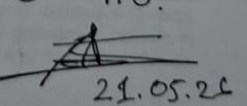
এমতাবস্থায়, উপরোক্ত বিষয় অনুমোদনের জন্য নথিটি মাননীয় উপাচার্যের নিকট পেশ করা যেতে পারে।।

ment Officer  23/05/2026

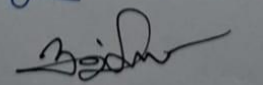
U Head  21.05.26

U Head

'X' অনুমোদন করা যেতে পারে।

 21.05.26

'X' অনুমোদন করত,



1 MAY 2026

23 MAY 2026

ICSETEP Implementation Unit, DU
University of Dhaka
Dhaka-1000, Bangladesh
E-mail: piuhead@du.ac.bd



আইসিএসইটিইপি বাস্তবায়ন ইউনিট, ঢাকা:
ঢাকা বিশ্ববিদ্যালয়
ঢাকা-১০০০, বাংলাদেশ
ই-মেইল: piuhead@du.ac.bd

নং-ঢা:বি:/পিআইইউ/আইসিএসইটিইপি/২০২৪/৫৭৫

তারিখ: ০৪/০৬/২০২৬ খ্রিষ্টাব্দ
২১/০২/১৪৩৩ বঙ্গাব্দ

উপরোক্ত বিষয়ে আপনাকে আদিষ্ট হয়ে জানাচ্ছি যে, এডিবি'র অর্থায়নে বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন ও ঢাকা বিশ্ববিদ্যালয় কর্তৃক বাস্তবায়নধীন “Improving Computer and Software Engineering Tertiary Education Project (ICSETEP)” শীর্ষক প্রকল্পের আওতায় “Construction of two basements and 13-story green and smart building, including sanitary, water supply, electro-mechanical works, computer networking, and more, for the IT HUB at Dhaka University” শীর্ষক কাজের বিষয়ে বিশ্ববিদ্যালয় শিক্ষক, কর্মকর্তা, ছাত্র-ছাত্রী এবং সাধারণ জনগণের লিখিত অভিযোগ গ্রহণ ও নিষ্পত্তির জন্য সংযুক্ত Project Administration Manual (PAM) এর Clause 56 অনুযায়ী কর্মকর্তাদের সমন্বয়ে মাননীয় উপাচার্য নিম্নোক্ত Grievance Redress Committee (GRC) কমিটি গঠন করেছেন (২৩/০৫/২০২৬ খ্রি):-

কমিটি:

- | | |
|---|-------------|
| ১। প্রকল্প পরিচালক, ICSETEP Project | -আহবায়ক |
| ২। প্রকল্প ব্যবস্থাপক, ICSETEP Project, DU, PIU | -সদস্য |
| ৩। প্রতিনিধি, ঢাকা বিশ্ববিদ্যালয় প্রক্টোরিয়াল বডি | -সদস্য |
| ৪। সংশ্লিষ্ট ঠিকাদারের প্রতিনিধি | -সদস্য |
| ৫। জনাব মোহাম্মদ হারুনুর রশিদ, পরিবেশ বিশেষজ্ঞ, PMU | -সদস্য-সচিব |

কমিটির কার্যপরিধিঃ

ক নির্মাণ কাজ সংক্রান্ত বিষয়ে বিশ্ববিদ্যালয় শিক্ষক, কর্মকর্তা, ছাত্র-ছাত্রী এবং সাধারণ জনগণের আপত্তি ও পেশকৃত লিখিত অভিযোগের প্রেক্ষিতে যাচাই বাছাই করে শুনানীর আয়োজন করা। শুনানীর স্থান, তারিখ ও সময় সম্পর্কে আগেই অভিযোগকারীকে অবহিত করা;

খ) প্রয়োজনে সরেজমিনে তদন্তের ব্যবস্থা করা এবং তদন্ত প্রতিবেদন প্রণয়ন ও দাখিল করা;

গ) প্রয়োজনীয় তদন্তের পর নির্ধারিত দিনে প্রাপ্ত অভিযোগের ভিত্তিতে শুনানী গ্রহণ করা;

ঘ) শুনানী শেষে সিদ্ধান্তে উপনীত হওয়া এবং কর্ম বিবরণী তৈরী করে উপস্থিত সদস্যের স্বাক্ষর গ্রহণ করা;

ঙ) জিআরসি-র সিদ্ধান্ত কর্তৃপক্ষের অনুমোদনের জন্য পেশ করা এবং সংশ্লিষ্ট অভিযোগকারীকে অবহিত করে তার সন্তুষ্টি সাপেক্ষে সিদ্ধান্ত বাস্তবায়নের সুপারিশ করা;

চ) প্রতিটি অভিযোগ পর্যায়ক্রমে (নিবন্ধন, শুনানী ও সমাপ্তি) পরামর্শক অফিসের দপ্তরে রক্ষিত অভিযোগ ব্যবস্থাপনা বইতে নথিভুক্ত করা, সকল অভিযোগপত্র পরীক্ষণ ও মূল্যায়নের জন্য সংরক্ষণ করা।

এমতাবস্থায়, উক্ত কার্যপরিধির বিষয়ে সদয় অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণ করার জন্য বিনীত অনুরোধ করছি।

আপনার বিশ্বস্ত


(অধ্যাপক ড. কাজী মুহাইমিন-আস-সাকিব)
প্রকল্প বাস্তবায়ন ইউনিট (PIU) প্রধান
আইসিএসইটিইপি বাস্তবায়ন ইউনিট
ঢাকা বিশ্ববিদ্যালয়

সদয় অবগতির ও প্রয়োজনীয় কার্যার্থে প্রেরিত (জ্যেষ্ঠতার ক্রমানুসারে নয়):

- ১। প্রকল্প পরিচালক, ICSETEP Project
- ২। প্রকল্প ব্যবস্থাপক, ICSETEP Project, DU, PIU
- ৩। প্রতিনিধি, ঢাকা বিশ্ববিদ্যালয় প্রক্টোরিয়াল বডি
- ৪। সংশ্লিষ্ট ঠিকাদারের প্রতিনিধি
- ৫। জনাব মোহাম্মদ হারুনুর রশিদ, পরিবেশ বিশেষজ্ঞ, PMU
- ৬। ডেপুটি রেজিস্ট্রার ও উপাচার্যের একান্ত সচিব, উপাচার্যের দপ্তর, ঢাকা বিশ্ববিদ্যালয় (মাননীয় উপাচার্যের সদয় অবগতির জন্য)

Annex-7: Signed Declaration of Environmental, Health & Safety (EHS) by the Contractor at DU

টিসিইএল-মল্লিক এন্টারপ্রাইজ (জেভি)

TCEL – Mollik Enterprise (JV)

TCEL Office Address: 6th floor 69, Mohakhali C/A, Bir Uttam AK Khandakar Road, Dhaka 1212
JV office Address: Mirpur New Market (5th Floor), 3 Main Road, Block-G, Mirpur-1, Dhaka-1216.
Phone : +880-1713292211, E-mail : msmollikenterprise@gmail.com
Website : www.mollikenterprisebd.com

Declaration of Environmental, Health & Safety (EHS)

January 15, 2025

To
Kazi Muheymin-Us Sakib
PIU Head, University of Dhaka,
University of Dhaka Sahabag, Dhaka – 1100,
Bangladesh.

Invitation for Tender Reference No. : PIU/DU/CIVIL-01; Date: 26/11/2024
Tender Package No. : PWD-1/2024
Tender ID No. : 976411
Lot No : 01

Project Name: Construction of two basements and 13 storied green and smart building including sanitary, water supply, electro-mechanical works, computer networking etc for IT HUB of Dhaka University.

Dear Sir,

With reference to the above information, we The Civil Engineers Ltd. (TCEL)-Mollik Enterprise (JV), JV Office Address: Mirpur New Market (5th Floor), 3 Main Road, Block-G, Mirpur-1, Dhaka-1216. Do hereby declared that we will execute the full project by abiding the Environmental, Health & Safety Management Plan (EHSMP).

Best Regards,



Md. Habibur Rahman
Managing Partner
TCEL-Mollik Enterprise (JV),
Cell No.:+8801713292211
msmollikenterprise@gmail.com

Annex-8: Signed Form CoC: Environmental, Health & Safety Code Conduct for Contractor's Personnel at DU

টিসিইএল-মল্লিক এন্টারপ্রাইজ (জেভি)

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Phone : +880-1713292211, E-mail : mismollikenterprise@gmail.com
Website : www.mollikenterprisebd.com

Form CoC: Environmental, Health and Safety Code of Conduct For Contractor's Personnel¹

[Note to the Tenderer: The contents of the Code of Conduct form shall not be modified. The Tenderer shall initial and submit the Code of Conduct form as part of its tender as required by ITT 25.1 (k) of the Tender Data Sheet.]

We are the Contractor, **The Civil Engineers Ltd.(TCEL) – Mollik Enterprise (JV)**. We have signed a contract with **University of Dhaka** for 'Construction of two basements and 13 storied green and smart building including sanitary, water supply, electro-mechanical works, computer networking etc for IT HUB of Dhaka University'. These Works will be carried out at University of Dhaka. Our contract requires us to implement measures to address environmental, health and safety risks related to the Works.

This EHS Code of Conduct is part of our measures to deal with environmental, health and safety risks related to the Works. It applies to all our staff, labourers and other employees at the Works Site or other places where the Works are being carried out. It also applies to the personnel of each subcontractor and any other personnel assisting us in the execution of the Works. All such persons are referred to as "Contractor's Personnel" and are subject to this EHS Code of Conduct.

This EHS Code of Conduct identifies the behavior that we require from all Contractor's Personnel. Our workplace is an environment where unsafe, offensive, abusive or violent behavior will not be tolerated and where all persons should feel comfortable raising issues or concerns without fear of retaliation.

Required Conduct

Contractor's Personnel shall:

1. carry out his/her duties competently and diligently;
2. comply with this EHS Code of Conduct and all applicable laws, regulations and other requirements, including requirements to protect the health, safety and well-being of other Contractor's Personnel and any other person;
3. maintain a safe working environment including by:
 - a. ensuring that workplaces, machinery, equipment and processes under each person's control are safe and without risk to health;
 - b. wearing required personal protective equipment;
 - c. using appropriate measures relating to chemical, physical and biological substances and agents; and
 - d. Following applicable emergency operating procedures.
4. report work situations that he/she believes are not safe or healthy and remove himself/herself from a work situation which he/she reasonably believes presents an imminent and serious danger to his/her life or health;
5. treat other people with respect, and not discriminate against specific groups such as women, people with disabilities, migrant workers or children;
6. report violations of this EHS Code of Conduct; and
7. Not retaliate against any person who reports violations of this EHS Code of Conduct, whether to us or the Employer, or who makes use of the grievance mechanism for Contractor's Personnel or the project's Grievance Redress Mechanism.

¹ see sample form in page 91 in [User Guide for Procurement of Works—Small Contracts \(adb.org\)](#)



টিসিইএল-মল্লিক এন্টারপ্রাইজ (জেভি)

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Phone : +880-1713292211, E-mail : msmollikenterprise@gmail.com
Website : www.mollikenterprisebd.com

Raising Concerns

If any person observes behavior that he/she believes may represent a violation of this EHS Code of Conduct, or that otherwise concerns him/her, he/she should raise the issue promptly. This can be done by call [+8801713292211] to reach the Contractor's hotline (if any) and leave a message.

The person's identity will be kept confidential, unless reporting of allegations is mandated by the country law. Anonymous complaints or allegations may also be submitted and will be given all due and appropriate consideration. We take seriously all reports of possible misconduct and will investigate and take appropriate action. We will provide warm referrals to service providers that may help support the person who experienced the alleged incident, as appropriate.

Consequences of Violating the Environmental, Health and Safety Code of Conduct

Any violation of this EHS Code of Conduct by Contractor's Personnel may result in serious consequences, up to and including termination and possible referral to legal authorities.

For Contractor's Personnel:

I have received a copy of this EHS Code of Conduct written in a language that I comprehend. I understand that if I have any questions about this EHS Code of Conduct, I can contact **Md Habibur Rahman** requesting an explanation.

Name of Contractor's Personnel: **Md Habibur Rahman**

Signature:

Md. Habibur Rahman

Authorize Personnel of TCEL & Mollik Enterprise JV

Email: msmollikenterprise@gmail.com

Date: 15/01/2025



Annex-9: Environmental, Health & Safety (EHS) Management Plan of the Contractor at DU

টিসিইএল-মল্লিক এন্টারপ্রাইজ (জেডি)

TCEL – Mollik Enterprise (JV)

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Phone : +880-1713292211, E-mail : mrmollikenterprise@gmail.com
Website : www.mollikenterprisebd.com

Environmental, Health, and Safety (EHS) Management Plan

1. Project Overview

- **Location:** Shahbagh Thana, Dhaka District, Bangladesh, within Dhaka University campus (17,257 sq. ft).
- **Scope:** Two basement levels and a 13-storied building with green and smart features, including sanitary, water supply, electro-mechanical works, and IT infrastructure.
- **Key Surroundings:** Academic buildings, mausoleum, and mosque.
- **Funding:** Asian Development Bank (ADB).

2. Goals and Objectives

1. Protect the environment and minimize construction impacts.
2. Ensure health and safety of workers, students, and faculty.
3. Maintain and improve indoor air quality during construction.
4. Adhere to LEED standards for sustainability.

3. Environmental Management

a. Indoor Air Quality (IAQ) Management Plan

- **Ventilation:**
 - Install temporary ventilation systems to improve air exchange.
 - Ensure continuous airflow in enclosed spaces.
- **Dust Control & Mitigation:**
 - Use water sprays during demolition and earthwork to suppress dust.
 - Erect dust barriers to limit dispersion.
 - Provide HEPA-filtered vacuums for cleaning fine particles.
- **Covering Ducts:**
 - Cover all air ducts during construction to prevent contamination.
 - Clean ducts thoroughly before installing HVAC systems.
- **Material Selection:**
 - Use low-VOC (Volatile Organic Compounds) adhesives, paints, and sealants.

b. Dust and Spill Management

- **Good Housekeeping:**
 - Daily cleanup of construction debris.
 - Immediate disposal of waste to a designated area.



টিসিইএল-মল্লিক এন্টারপ্রাইজ (জেভি)

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Phone : +880-1713292211, E-mail : msmollikenterprise@gmail.com

Website : www.mollikenterprisebd.com

• Cleaning Spills:

- Train workers to clean chemical or fuel spills using absorbent materials.
- Maintain spill kits at accessible locations.

c. Waste Management

- Segregate recyclable, non-recyclable, and hazardous waste.
- Maintain clear signage for disposal areas.
- Encourage reuse of materials like wood and metal.

4. Health and Safety Management

a. Personal Protective Equipment (PPE)

- Provide and enforce the use of PPE (helmets, masks, gloves, and safety vests).
- Use specialized respirators when working in areas with high dust or VOC levels.

b. Safety Training

- Conduct regular training sessions on safe construction practices, IAQ maintenance, and emergency procedures.

c. Emergency Protocols

- Develop emergency response plans for fire, spills, and injuries.
- Install first-aid stations at multiple locations.

5. Community and Traffic Management

- **Noise Control:** Limit noisy activities to daytime hours and use noise-reducing equipment.
- **Traffic Management:** Coordinate with local authorities to ensure smooth traffic flow around the site.

6. Monitoring and Reporting

- **IAQ Monitoring:** Regular testing for particulate matter (PM10, PM2.5), VOCs, and CO2 levels.
- **Incident Reporting:** Document and report accidents, spills, or IAQ breaches immediately.



টিসিইএল-মল্লিক এন্টারপ্রাইজ (জেভি)

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Phone : +880-1713292211, E-mail : msmollikenterprise@gmail.com

Website : www.mollikenterprisebd.com

7. Compliance and Standards

- Adhere to Bangladeshi construction and environmental laws.
- Ensure the building complies with LEED or other sustainability certifications.

8. Final Stage

- Conduct post-construction cleaning, including thorough duct and HVAC cleaning.
- Perform a detailed IAQ assessment before occupancy.

This plan integrates key aspects of IAQ management and sustainable practices, ensuring safety, environmental conservation, and compliance with international green building principles.



TCEL-Mollik Enterprise (JV)
(JVCA - View Details)

Health & safety Management

Bill of Quantities

Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price In figures (BDT)	Unit Price In Words (BDT)	Total Price In Figures (BDT)	Total Price In Words (BDT)
1	HSM	N/A	Workers Health and Safety: a) Supply of Personal Protection Equipment (PPE) for workers : Safety Vest helmet, gloves, safety shoes, glass, safety signs, first aid box with standard contents including necessary drugs etc. b) Adequate facilities for hand washing, measuring body temperature etc. c) Place safety notices/signboards/protocol at the working site. d) Emergency equipment and facilities: fire extinguisher/water hose, whistle, torch lights etc (please see detailed list in Annex-A1)	Job	1.000	605000.001	Six Lakh Five Thousand point Zero Zero One	605000.001	Six Lakh Five Thousand point Zero Zero One
2	HSM	N/A	Engineers Health and Safety: a) Supply of Personal Protection Equipment (PPE) for workers: Safety Vest helmet, gloves, safety shoes, glass, first aid box with necessary drugs etc. b) Adequate facilities for hand washing, measuring body temperature etc. c) Emergency equipment and facilities: fire extinguisher/water hose, whistle, torch lights etc (as describes in Annex-A2)	Jcb	1.000	205000.001	Two Lakh Five Thousand point Zero Zero One	205000.001	Two Lakh Five Thousand point Zero Zero One
3	HSM	N/A	Waste Disposal and Management: a) Supply of waste bins/pots for different wastes; b) Collection and dumping of wastes including kitchen waste from labour shed to local waste disposal system (different facilities for organic and inorganic wastes); c) Regular meeting and on job training regarding waste management and	Job	1.000	107000.001	One Lakh Seven Thousand point Zero Zero One	107000.001	One Lakh Seven Thousand point Zero Zero One


পিতাইউ প্রধান
আইসিএসইটিইপি-প্রকল্প
ঢাকা বিশ্ববিদ্যালয়।

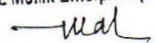
T.CEL Mollik Enterprise (JV)

Authorise Signatory

			housekeeping (as describes in Annex-A3)						
4	HSM	N/A	Dust suppression measures like water sprinkling on aggregates / unpaved roads, in and around the work site and as describes in Annex-A4)	Job	1.000	803000.001	Eight Lakh Three Thousand point Zero Zero One	803000.001	Eight Lakh Three Thousand point Zero Zero One
5	HSM	N/A	Water and Sanitation: Supplying safe drinking water with water purification machines (filters) and construction/installation of temporary Temporary Sanitary Latrine/ Septic Tank/ Portable Toilet: 2 nos. (1 no of Toilet for women and 3 no of Toilet for men) and as per direction of the E.I.C. (as described in Annex-A5)	Job	1.000	127000.001	One Lakh Twenty-Seven Thousand point Zero Zero One	127000.001	One Lakh Twenty-Seven Thousand point Zero Zero One
6	HSM	N/A	Training on Occupational Health & Safety, and COVID-19 Safety Protocol: a) Train on correct use and disposal of personal protective equipment (PPE). b) Conduct regular toolbox meeting in the morning. c) Regular site briefing on OHS and COVID-19 awareness. d) Leaflet/poster for awareness among the workers, staffs and nearby communities (as describes in Annex-A6)	Job	1.000	75000.001	Seventy-Five Thousand point Zero Zero One	75000.001	Seventy-Five Thousand point Zero Zero One
							Grand Total:	1922000.006	Nineteen Lakh Twenty-Two Thousand point Zero Zero Six

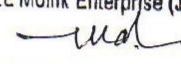
This Health & safety Management is Electronically Signed by Mr. Md.Habibur Rahman on behalf of TCEL-Mollik Enterprise (JV)


 পিআইইউ প্রধান
 আইসিএসইটিইপি-প্রকল্প
 ঢাকা বিশ্ববিদ্যালয়।

T.CEL Mollik Enterprise (JV)

 Authorise Signatory

			filling including the cost of all materials, operations and incidental charges etc. all complete as per type plan approved and accepted by the Engineer-in-charge. (Rate is including cost of reinforcement and its fabrication, binding and placing).						
73	Civil up to 1st floor	N/A	Construction of soak well of different sizes (as per detail drawing attached in annexure) (medium and large sizes) with 250 mm thick solid brick work and 250 mm honey comb brick work with cement mortar (1:6) as per design over R.C.C. (1:2:4) well curb with 1% reinforcement up to the depth as per drawing with 450 mm dia water sealed heavy type, including cost of all materials etc. all complete as per drawing, design approved and accepted by the (Rate is including cost of reinforcement and its fabrication, binding and placing) Engineer-in-charge.	Job	1.000	284200.001	Two Lakh Eighty-Four Thousand Two Hundred point Zero Zero One	284200.001	Two Lakh Eighty-Four Thousand Two Hundred point Zero Zero One
74	Civil up to 1st floor	N/A	Providing all necessary logistic support to frame A??monthly progress meeting?? between contractor/contractor's representatives and employer / employer's representatives at the Engineer-in-charge's office at site. Month wise documentation shall be the basis of payments on this item.	per month	40.000	49000.001	Forty-Nine Thousand point Zero Zero One	1960000.040	Nineteen Lakh Sixty Thousand point Zero Four
75	Civil up to 1st floor	N/A	Supplying, fitting, fixing, operating and maintenance of the construction supervision lift (1000Kg capacity) for supervision of building construction work during the entire construction. The contractor must submit detail structural drawing of supporting frame with foundation and lift specification prior to supply on site.	per month	15.000	29400.001	Twenty-Nine Thousand Four Hundred point Zero Zero One	441000.015	Four Lakh Forty-One Thousand point Zero One Five
76	Civil up to 1st floor	N/A	Cost of Leed certification including Leed consultancy services. (A Mandatory requirement for the tenderer and registration process must have to start from	Job	1.000	490000.001	Four Lakh Ninety Thousand point Zero Zero One	490000.001	Four Lakh Ninety Thousand point Zero Zero One


 পিআইইউ প্রধান
 আইসিএসটিইপি-প্রকল্প
 ঢাকা বিশ্ববিদ্যালয়।

I.CEL Mollik Enterprise (JV)

 Authorise Signatory

Annex-10: Site Handover Certificate of DU to the Contractor

ICSETEP Implementation Unit, DU
University of Dhaka
Dhaka-1000, Bangladesh
E-mail: piuhead@du.ac.bd



আইসিএসইটিপি বাস্তবায়ন ইউনিট, ঢাকা:
ঢাকা বিশ্ববিদ্যালয়
ঢাকা-১০০০, বাংলাদেশ
ই-মেইল: piuhead@du.ac.bd

নং-ঢা:বি/ পিআইইউ/আইসিএসইটিপি/০১/২০২৩/৩৫৭

তারিখ: ১১/০৩/২০২৬ খ্রিষ্টাব্দ
২৬/১১/১৪৩২ বঙ্গাব্দ

SITE POSSESSION HANDOVER CERTIFICATE

Project: Construction of Two Basements and 13-Storied Green and Smart Building (Including Sanitary, Water Supply, Electro-Mechanical Works, Computer Networking, etc.) for IT HUB of Dhaka University.

Date: 11 March 2026

1. Parties:

1.1 Employer / Project Authority:
Kazi Muheymin-Us-Sakib
Project Implementation Unit (PIU) Head
ICSETEP Project, University of Dhaka

1.2 Contractor:

TCEL-Mollik Enterprise (JV)
Address: VTCB Tower (5th Floor), Mirpur New Market,
3 Main Road, Block-G, Mirpur-1, Dhaka-1216

2. Site Details

This handover pertains to the project site for construction of Two Basements and 13-Storied Green and Smart Building for IT HUB of Dhaka University including civil, sanitary, water supply, electro-mechanical works, and computer networking systems.

3. Handover Statement:

The project site has been formally handed over to the contractor TCEL-Mollik Enterprise (JV) on 11 March 2026 for execution of works as per approved drawings and contract documents.

4. Conditions of Handover:

- Site handed over in present condition.
- Contractor responsible for safety and security.
- Contractor accepts existing site conditions.
- Work to commence as per approved program.

5. Effective Date:

This site possession is effective from 11 March 2026.

6. Signatures:

For the Employer:
Kazi Muheymin-Us-Sakib
PIU Head, ICSETEP, DU
Date: 11.03.2026

PIU Head
ICSETEP-Project
University of Dhaka

T.CEL Mollik Enterprise (JV)

For the Contractor:
Authorized Representative
TCEL-Mollik Enterprise (JV)
Date: 11.03.2026

Annex-11: Letter to DU PIU for the environmental baseline monitoring field test at DU

Government of the People's Republic of Bangladesh
University Grants Commission of Bangladesh
Improving Computer and Software Engineering Tertiary Education Project (ICSETEP)
Project Management Unit (PMU)
Level-9, Bangladesh Copyright Building
Agargaon Administrative Area, Sher-e-Bangla Nagar, Dhaka-1207
www.icsetep.ugc.gov.bd

Ref: UGC/ICSETEP/PIU-DU/2025/110/1538

Date: 05.07.2026

Subject: Conduct Baseline Environmental Quality Monitoring (Air-Noise-Soil-Ground Water-Drinking Quality and Vibration during piling works) Test at DU site.

As per Declaration letter of the Contractor's Contract Agreement that he will abide by to follow the Environmental, Health and Safety (EHS) Management Plan following Baseline Environmental Quality Monitoring Test must be conducted before and during the construction works.

Ambient Air Quality (As per APCR 2022)

Parameters = CO (8 hours), Pb (24 hours), NO₂ (24 hours), SO₂ (24 hours), O₃ (8 hours), NH₃ (24 hours), SPM (24 hours), PM₁₀ (24 hours), PM_{2.5} (24 hours)
For 2 (Two) Locations, 1. Infront the Entrance Gate, 2. Inside the Project Site

Noise Quality (As per NPCR 2025) Duration: 24 hours

For 2 (Two) Locations, 1. Infront the Entrance Gate, 2. Inside the Project Site

Ground Water Quality: As per ECR 2023

Test Parameter: pH, Arsenic (As), Lead (Pb), Cadmium (Cd), Chromium (Cr), Iron (Fe), Manganese (Mn), Chloride (Cl), Total Dissolved Solid (TDS), Total & Fecal Coliform

Drinking Water: As per ECR 2023

Parameter: Iron (Fe), Turbidity, Total Hardness, Total Coliform, Fecal Coliform, Arsenic (As), Chloride (Cl), Manganese (Mn).

Soil Quality: As per ECR 2023

Parameter: pH, Electrical Conductivity (EC), Organic Matter/Organic Carbon, Total Nitrogen (N), Available Phosphorus (P), Arsenic (As), Lead (Pb), Cadmium (Cd), Chromium (Cr), Total Petroleum Hydrocarbons (TPH)/ Oil & Grease.

Vibration: Peak Particle Velocity (PPV, mm/s) and/or root mean square (RMS) velocity from construction activities that produce ground vibration (pile driving, heavy compaction, movement of heavy equipment or vehicle).

Locations: Inside the Construction site and 2 existing nearest structures.

Please advise the contractor to conduct the above test in time and share the test result.



Prof. Gazi Md. Nazul Islam

Project Director (Additional Charge), ICSETEP

E-mail: dpd-icsetep@ugc.gov.bd

Mobile: 01675501763

PIU Head
University of Dhaka
ICSETEP, UGC Bangladesh

Copy to:

1. Chairman, University Grants Commission of Bangladesh (UGC);
2. Director, Planning & Development, University of Dhaka (DU), PIU;
3. Project Officer, Asian Development Bank (ADB);
4. Engr. Mohammad Harunor Rashid, Environment Specialist, ICSETEP.

Annex-12: Environmental Management Plan (EMP) Table for DU

Project Activity	Potential Environmental Impacts	Mitigation/Enhancement Measures	Estimated Cost	Implementing Unit	Supervising and Monitoring Unit
Pre-Construction Stage					
Demolition of the existing old staff housing at the project site	Temporary inconvenience to occupants due to physical movement to another accommodation Physical and emotional adjustments to the new accommodations Generation, collection, and disposal of waste Increase dust and noise levels Transport of demolition debris Occupational and community safety risks	Once the DPP is approved, formal consultations will be conducted by IIT-DU to the legitimate occupants 60 days prior to any construction work, a signboard will be posted at the project site indicating the new development and the contact person(s) New accommodation will be much better than the current condition. Most of DU staff are in the high-rise housing also within DU. Contractor for demolition will be required to prepare a demolition plan for approval by the PIU and PMU following BNBC 2006 (and BNBC 2015 draft), and international best practices provided by the World Bank, WorkSafe British Columbia, etc. The demolition plan will include measures for occupational health and community safety, waste management, potential traffic congestion, noise and dust level containment, emergency preparedness, and communications to would-be affected people (students, mosque management, etc.) The demolition plan will include a survey of ACM and safety measures in the event ACMs are present in the existing Bachelors' Staff Housing ECP 6.0 provides additional measures PIU and the environmental safeguard consultant at PMU will monitor compliance with EMP and Demolition Plan	Included in project cost	Contractor	PIU, Environmental Safeguard Consultant
Construction Stage					
Complete construction management work plan (CMP) for approval of PIU	Avoid impacts of Contractor unplanned activities Smooth work implementation	CMP will include: Temporary pedestrian and traffic management plan to minimize disturbance from vehicular traffic and workers (from Dhaka City Road to main access to the project site)	Included in the project cost	Contractor	PIU, Environmental Safeguard Consultant

		Spoils disposal and construction waste management Noise and dust control Drainage and storm water management plan Materials management plan Community and safety plan Emergency/disaster preparedness and response Provide list of contact details during emergency to workers or post in billboards at construction site Inclusion of GRM to handle potential complaints			
Orientation of workers and staff	Awareness to environmental requirements and their responsibility Understanding the responsibility of Contractor in implementing the EMP, compliance with applicable rules and regulations of DU, ADB, and the government Provide HIV/AIDS orientation and disease prevention awareness talks to the workers and staff	Conduct briefing on EMP, records management, compliance, and reporting Identify areas to be monitored and the required mitigation measures Create awareness of sexually transmitted diseases such as HIV/AIDS Explain the Health and Safety Plan	Included in the project cost	PIU, Environmental Safeguard Consultant	PMU
Recruitment of project staff and workers	Dispute over transparency in hiring	Contractor will be required to give priority to local labour Contractors to keep a record of their contact details such as mobile telephone number, alternate telephone, email (if any), and address of where they are staying	N/A	Contractor	PIU, Environmental Safeguard Consultant
Site preparation and related works	Disturbance and inconvenience to students, faculty, and staff of DU, and other people due to traffic, increased	CMP will be strictly implemented Notify key persons in DU (i.e., Sociology Building, Central Mosque, etc.) on the work schedule Provide temporary enclosures (at least 2 m high) to contain dust and minimize noise	Included in the project cost	Contractor	PIU, Environmental Safeguard Consultant

	noise and dust levels, vehicular emissions, and disposal of waste	Reference to relevant ECPs			
	Potential chance finds during earth moving works	Chance find will be included in the orientation training of workers prior to construction works Chance find procedures in ECP 1.0 will be followed			
	Potential safety risks to community	Provide temporary enclosures or fences, sufficient lights, clear warning signs, and danger signals, and take all precautions identified in the community and safety plan of CMP Assign security staff to prevent accidents, trespassing, and pilferage Contractor to strictly comply with traffic management from the CMP and to direct drivers to follow road regulations Assign staff to manage traffic particularly from the main access road to the site			
	Potential occupational health and safety risks to workers	Provide sanitary facilities and safe drinking water to workers Consider providing temporary place onsite for workers to do their prayers Provide workers with hard hat, safety shoes and belts and appropriate PPE Monitor compliance of workers to safety rules Set up first aid at construction site Comply with relevant safety measures required by law and best engineering practices Require workers and staff the mandatory use of non-medical masks and gloves Any worker that shows cough and cold symptoms will not be allowed entry to work sites, and will be advised to stay home and quarantine Install hand washing and sanitation stations at designated places Implement H&SP and monitor compliance			

	Construction vehicles may increase vehicular emissions Transport of materials to construction site may increase dust level Earthmoving works and opened land areas increase dust levels Increase in noise level and vibration from construction vehicles, and associated works	Provision of temporary enclosures Provide space onsite for construction materials to reduce trips of material delivery Contractor will be required to maintain construction vehicles, equipment, and machineries regularly to reduce emissions, avoid smoke belching, and reduce noise Spray water in opened land areas or in sources of dust generation Transport of dust generating materials will be covered Observance of low speed by vehicles to reduce noise Noise-generating works will be done between 6 a.m. and 11 p.m. only. No blowing of horns will be allowed			
Construction of IT HRDH	Non-compliance with relevant regulations Potential accidents due to working on heights Occupational and community safety risks Generation of waste	Monitor compliance with occupational health and safety regulations Always observe good housekeeping onsite Provide sanitary facilities and safe drinking water Provide PPE to workers Provide first aid kits and fire-fighting system Conduct daily toolbox meeting prior to start of work Workers absent from daily toolbox meetings will not be allowed to work Conduct emergency mock drills Conduct work only from 6 a.m. to 11 p.m. Provide enclosures to noise-generating works and equipment, and areas generating dust Implement and comply with the approved H&SP	Included in the project cost	Contractor	PIU, Environmental Safeguard Consultant
Clean up of construction sites after completion of Construction works	Improper disposal of construction debris Occupational and community safety risks Disruption to traffic and activities in DU	Workers will be provided with proper safety gear and equipment Inform relevant staff in DU on the schedule of disposal Dispose remaining waste and debris to sites approved by Dhaka City Corporation	Included in the project cost	Contractor	PIU, Environmental Safeguard Consultant

Annex-13: Environmental Management Plan (EMP) Table for BUET

Project Activity	Potential Environmental Impacts	Mitigation/ Enhancement Measures	Estimated Cost	Implementing Unit	Supervising and Monitoring Unit
Pre-construction Stage					
Site survey and appropriate planning of the implementation of works	• Failure of the proper planning implementation works will be delayed and increase of cost involvement • Potential safety and health risks to the workers during construction period	• Skilled and responsible project manager, safety officer, specialist should be engaged • Follow the existing Government Law and ADB SPS 2009 and relevant labor law	Included in project cost	PIU, CSC, Contractor	PMU and Environmental Safeguard consultant
	Lack of technical capacity on safeguards at BUET	• PIU will designate safeguard staff to coordinate with the environmental safeguard consultant in PMU • PIU team will undergo orientation training on the safeguard's requirements and compliance under SPS 2009 • PIU may consider engaging intermittent consultant on safeguards	PIU Budget	PIU, CSC Environmental Safeguard consultant	PMU and ADB
Updating of IEE and Preparation of Site Specific EMP	Expecting probable impacts during construction period and mitigation measures are addressed.	• Update IEE and EMP based on detailed design and submitted to ADB for review, approval and disclosure prior to commencement of work. • Ensure updated ESMP is provided by the Contractors and approval from the PMU. • Relevant information disclosed at PIU/PMU/ADB website	Project cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB
Existing Utilities	Impact on electric underground cables, water supply line, gas line within the proposed project area.	• Identify and include locations and operators of these utilities in the detailed design documents to prevent unnecessary disruption of services during construction activities	Project cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB

		• Require construction Contractors to prepare a contingency plan to include actions to be done in case of unintentional interruption of services. • Utilities shall be relocated and reconnected well ahead of commencement of construction works, and contractor shall coordinate with utility company for relocation and reconnection before work begins. • Surrounding users shall be properly informed in advance. • Reconnection of utilities shall be completed at the shortest practicable time before commence of construction.			
Tree Removal	Damage to trees and clearance of vegetation at the project locations.	• After the finalization of the designs and layout of the project components, the trees within proposed construction sites will be marked. • Only trees that will require removal within the proposed construction sites will be cut. • For trees not proposed to be cut, taking all precautions to protect them from any damage from construction activities. • Trees within the area required for construction will be felled after prior approval	Project cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB
Construction work camps, stockpile areas,	Conflicts with students and staff in the university;	• Determine locations prior to award of construction Contracts.	Project cost	Contractors in collaboration with PIU, CSC	PMU and ADB

storage areas, and disposal areas.				and approval of PMU	
Sources of Materials	Extraction of materials can disrupt natural land contours and vegetation resulting in accelerated erosion, disturbance in natural drainage patterns, ponding and water logging, and water pollution.	• Prepare list of approved quarry sites and sources of materials • Materials will be collected from the Government's licensed supplier	Project cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB
EMP Implementation Training	Irreversible impact to the environment, workers, student and staff of the university	• Project manager and all the key workers will be required to undergo EMP implementation including spoils management, Environmental Code of Practice (ECoP) for construction works; health and safety (H&S), core labour laws, traffic management plan, applicable environmental laws, etc.	Project cost	Contractors in collaboration with PIU and CSC	PMU and ADB
Construction Stage					
Complete construction management work plan	• Avoid impacts of Contractor unplanned activities • Smooth work implementation	• Temporary pedestrian and traffic management plan to minimize disturbance from vehicular traffic and workers • Spoils disposal and construction waste management plan • Noise and dust control plan • Drainage and storm water management plan • Materials management plan • Measures to preparedness identified in the health and safety plan (H&SP) • Emergency/disaster preparedness plan • Provide list of contact details during emergency to workers or post in billboards at construction site	Included in the project cost	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant

Orientation of workers and staff	• Awareness to environmental requirements and their responsibility • Understanding the responsibility of Contractor in implementing the EMP, compliance to ADB requirements and the government • Provide HIV AIDS education and disease prevention awareness talk to the workers and staff	• Conduct briefing on EMP, records management, compliance and reporting • Identify areas to be monitored and the required mitigation measures • Create awareness of sexually transmitted diseases such as HIV/AIDs • Explain the H&SP (Appendix 8, IEE)	Included in the Contractor cost	PIU, CSC, Environmental Safeguard consultant	PMU and ADB
Worker's health and safety	Impact on health of workers, including risk of diseases (malaria, dengue fever, HIV Aids) and physical injury from any form of force majeure	• Comply with requirements of Government of Bangladesh Labor Law of 2006 and all applicable laws and standards on workers H&S. • Follow international best practices on occupational health and safety such as those in Section 4.2 of World Bank EHS Guidelines on Construction and Decommissioning Activities. • Produce and implement a site health and safety (H&S) plan which include measures as: (i) excluding the public from worksites; (ii) ensuring all workers are provided with and required to use personal protective equipment (reflectorized vests, footwear, gloves, goggles and masks) at all times; (iii) providing (H&S) training for all site personnel; (iv) documenting procedures to be followed for all site activities; and	Project cost	PIU, CSC, Environmental Safeguard consultant	PMU and ADB

		(v) maintaining accident reports and records. • Arrange for readily available first aid unit including an adequate supply of sterilized dressing materials and appliances • Maintain necessary living accommodation and ancillary facilities in functional and hygienic manner in work camps. Ensure (i) uncontaminated water for drinking, cooking and washing, (ii) clean eating areas where workers are not exposed to hazardous or noxious substances; and (iii) sanitation facilities are available at all times. • Provide medical insurance coverage for workers; • Provide H&S orientation training to all new workers to ensure that they are apprised of the basic site rules of work at the site, personal protective protection, and preventing injuring to fellow workers; • Provide visitor orientation if visitors to the site can gain access to areas where hazardous conditions or substances may be present. Ensure also that visitor/s do not enter hazard areas unescorted; • Ensure moving equipment is outfitted with audible back-up alarms; Mark and provide sign boards for hazardous areas such as energized electrical devices and lines, service rooms housing high voltage			
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		equipment, and areas for storage and disposal. Signage shall be in accordance with international standards and be well known to, and easily understood by workers, visitors, and the general public as appropriate;			
Topography, landforms, geology and soils	Sand, crushed stone/bricks chips and cement will be required for this project. Extraction of construction materials may cause localized changes in topography and landforms. The impacts are negligible also short-term, site-specific within a relatively small area and reversible by mitigation measures.	• Utilize readily available sources with environmental clearance and license. • Collection of construction materials like stone chips or brick chips and sand from licensed supplier only. • Store stripped materials as not to disrupt natural drainage and protect them to prevent erosion and mitigation of soil particles into surface waters. • Provide temporary ditches and/or settling basins to collect runoff water and to prevent erosion and contamination of surface water. • Plant exposed areas with suitable vegetation at the earliest opportunity and prevent ponding of water through temporary drains to DWASA/SCC drainage network. • Restore sites after construction activities by stabilizing contours and slopes, spreading stripped materials to promote percolation and re-growth of vegetation and draining any standing water. Construction sites access roads will also be restored.	Included in the Contractor cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant
Hiring of project staff and workers	• Dispute over transparency in hiring	• Contractor will be required to give priority to local labor • Contractors will keep a record of contact details of staff and workers	Included in the Contractor cost	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant

		such as mobile telephone number, alternate telephone, email (if any), and address of where they are staying			
Engagement of female labor	To follow the ADB's Gender Action Plan as per SPS 2009	- Engage female labor at least 20% of the total (if available and interested) - Maintain register daily in the register book and keep in the site office - Engage in the work items as appropriate - Pay equal wages to the female labor - Maintain pay register and keep at the site office - Construct separate sanitary toilet and washing for female labor - Do not engage pregnant female worker - If engage female labor with kids, arrange separate breast feeding zone	Included in the Contractor cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB
Engagement of child labor	Engagement of child labor (age below 18 years) should be restricted	- Do not engage child labor below 18 years old - Follow the existing government's labor Act 2006	Included in the Contractor cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB
Site preparation and construction works	- Disturbance and inconvenience to people due to traffic, increased noise and dust levels, and disposal of waste - Emissions from heavy equipment machinery and construction vehicles	- CMP will be strictly implemented - Use of proper safety clothes/equipment - Provide temporary enclosures (at least 2 m high) to contain dust and minimize noise	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant
	Potential chance finds during site excavation	- Chance find will be included in the orientation training of workers prior to construction works - Chance find procedures in ECoP 1.0 will be followed	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant

	Potential safety risks to community (Students and staff of the university)	• Provide fence or barricade, sufficient lights, clear warning signs and danger signals, and take all precautions identified in the community and safety plan of CMP • Assign security staff prevent accidents, trespassing, and pilferage • Contractor to direct drivers to strictly follow road regulations	Project cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant
	Potential occupational health and safety risks to workers	• Provide workers with hard hat, safety shoes and belts • Set up first aid at construction site • Comply with relevant safety measures required by law and best engineering practices • Workers to always observe physical distancing • Provide PPEs such as non-medical masks and gloves if physical distancing is not possible • Daily temperature checks before workers enter/exit the work sites • Provide first aid box with emergency medicine (tablets, bandage, gauge, Dettol, thermometer etc.) • Contract nearest clinic, hospital, ambulance service in case of any accidental injury of the workers, staff etc. • Any worker that shows cough and cold symptoms will not be allowed entry to work sites, and will be advised to stay home and quarantine • Install hand washing and sanitation stations at designated places	Project cost	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant

		• Implement H&SP and monitor compliance			
	• Heavy equipment and construction vehicles may increase vehicular emissions • Transport of materials to construction site may increase dust level • Earthmoving works and opened land areas increase dust levels • Increase in noise level and vibration from excavation and heavy equipment and construction vehicles	• Construction vehicles will be maintained to minimize vehicular emissions • Provision of temporary enclosures • Provide space on-site for construction materials to reduce trips of material delivery • Contractor will be required to maintain construction vehicles, equipment and machineries regularly to reduce emissions, avoid smoke belching, and reduce noise • Spray water in opened land areas or in sources of dust generation • Transport of dust generating materials will be covered • Observance of low speed by vehicles to reduce noise • Noise-generating works will be done between 6 a.m. and 11 p. m. only. • No blowing of horns will be allowed • Comply with traffic management plan	Project cost	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant
Construction of ICT Building	• Noncompliance to relevant regulations • Potential accidents due to working at heights • Occupational and community safety risks • Generation of waste	• Monitor compliance to regulations • Provide PPEs to workers • Provide first aid kits and fire-fighting system • Conduct daily toolbox meeting prior to start of work • Conduct work only from 6 a.m.to 11 p.m. Provide enclosures to noise generating works and equipment, and areas generating dust	Included in Contractor costs	Contractor, PIU	PMU, Environmental safeguard consultant

		• Implement and comply with the approved H&SP			
Clean up of construction sites after completion of construction works	Improper disposal of construction debris	• Restore/reinstate all the areas potentially damaged during construction works • Workers will be provided with proper safety gear and equipment • Dispose remaining waste and debris at designated sites	Included in Contractor costs	Contractor, PIU	PMU, Environmental safeguard consultant
Post Construction Stage					
Occupy new Building	Improper use and lack of care to the new building	BUET to conduct orientation and awareness to staff and students on proper care of the facility	Include in the operation cost	PIU, CSE Department	PMU, ADB
	Generation of waste	• Designate waste management coordinator • Prepare waste management plan with time-bound targets • Conduct yearly training/orientation to trainees on waste management, proper collected, and disposal • Explore measures to implement the principles of reduce, reuse and recycle effectively including segregation at source • Contract SCC for final disposal of waste to designated disposal place	Include in the operation cost	PIU, CSE Department	PMU, ADB
	Potential incidence of emergency, natural disaster	• Prepare emergency/disaster preparedness plan and procedures • Designate a Disaster Coordinator who will also act as the OHS officer	Include in the operation cost	PIU, CSE Department	PMU, ADB

Annex-14: Environmental Management Plan (EMP) Table for JUST

Project Activity	Environmental and Social Impacts	Present Mitigation Measures	Estimated Cost	Implementation Responsibility	Supervision/ Monitoring Responsibility
Design and Pre-construction Stage					
Site survey and design of the new building	• Failure of the building to withstand climate change and natural hazards • Potential safety and health risks to students and building users due to poor building design	• Green building features were incorporated • Design will comply with the requirements of BNBC 2020	Included in project cost	PIU, Design consultant	PMU and Environmental Safeguard Consultant
Site survey and appropriate planning of the implementation of works	• Failure of the proper planning implementation works will be delayed and increase of cost involvement • Potential safety and health risks to the workers during construction period	• Skilled and responsible project manager, safety officer, specialist should be engaged • Follow the existing Government Law and ADB SPS 2009 and relevant labor law	Included in project cost	PIU, CSC, Contractor	PMU and Environmental Safeguard Consultant
	Lack of technical capacity on safeguards at JUST	• PIU will designate staff to coordinate with the environmental safeguard consultant in PMU • PIU team will undergo orientation training on safeguard's requirements and compliance with SPS 2009 • PIU may consider engaging intermittent consultant on safeguards	PIU Budget	PIU, Environmental Safeguard consultant	PMU and ADB
Updating of IEE and Preparation of Site Specific EMP	Expecting probable impacts during construction period and mitigation measures are addressed.	• Update IEE and EMP based on detailed design and submitted to ADB for review, approval and disclosure prior to commencement of work.	Project Cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB

		• Ensure updated ESMP is provided by the Contractors and approval from the PMU. • Relevant information disclosed at PIU/PMU/ADB website			
Existing Utilities	Impact on electric underground cables, water supply line, gas line within the proposed project area.	• Identify and include locations and operators of these utilities in the detailed design documents to prevent unnecessary disruption of services during construction activities • Require construction Contractors to prepare a contingency plan to include actions to be done in case of unintentional interruption of services. • Utilities shall be relocated and reconnected well ahead of commencement of construction works, and contractor shall coordinate with utility company for relocation and reconnection before work begins. • Surrounding users shall be properly informed in advance. • Reconnection of utilities shall be completed at the shortest practicable time before commencement of construction.	Project Cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB
Tree Removal	Damage to trees and clearance of vegetation at the project locations.	• After the finalization of the designs and layout of the project components, the trees within proposed construction sites will be marked.	Project Cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB

		• Only trees that will require removal within the proposed construction sites will be cut. • For trees not proposed to be cut, taking all precautions to protect them from any damage from construction activities. • Trees within the area required for construction will be felled after prior approval			
Construction work camps, stockpile areas, storage areas, and disposal areas.	Conflicts with students and staff in the university;	• Determine locations prior to award of construction Contracts.	Project Cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB
Sources of Materials	Extraction of materials can disrupt natural land contours and vegetation resulting in accelerated erosion, disturbance in natural drainage patterns, ponding and water logging, and water pollution.	• Prepare list of approved quarry sites and sources of materials • Materials will be collected from the Government's licensed supplier	Project Cost	Contractors in collaboration with PIU, CSC and approval of PMU	PMU and ADB
EMP Implementation Training	Irreversible impact to the environment, workers, student and staff of the university	• Project manager and all the key workers will be required to undergo EMP implementation including spoils management, Environmental Code of Practice (ECoP) for construction works; health and safety (H&S), core labour laws, traffic management plan, applicable environmental laws, etc.	Project Cost	Contractors in collaboration with PIU and CSC	PMU and ADB
Construction Stage					

Complete construction management work plan	• Avoid impacts of Contractor unplanned activities • Smooth work implementation	• Temporary pedestrian and traffic management plan to minimize disturbance from vehicular traffic and workers • Spoils disposal and construction waste management plan • Noise and dust control plan • Drainage and storm water management plan • Materials management plan • Emergency/disaster preparedness plan • Provide list of contact details during emergency to workers or post in billboards at construction site	Included in the project cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant
Orientation of workers and staff	• Awareness to environmental requirements and their responsibility • Understanding the responsibility of Contractor in implementing the EMP, compliance to ADB requirements and the government	• Conduct briefing on EMP, records management, compliance and reporting • Identify areas to be monitored and the required mitigation measures • Explain the H&SP (Appendix 8) as necessary	Included in the Contractor cost	PIU, CSC and Environmental Safeguard consultant	PMU and ADB
GBV/SEA-SH	• SEA/SH at work site • Health risks of labor relating to HIV/AIDs and other sexually transmitted diseases	• Integrate SEA/SH into existing SES/SH Plan, GRM, safety talks/orientations and regular training. • Training of laborers on SEA/SH and HIV/AIDs and other sexually transmitted diseases issues. • Enforce a ECoP for all the workers/ officials including the security personnel. • Identify hotspots for SEA/SH within the project, including construction work and labor camps alongside local	Included in the Contractor cost	PIU, CSC and Gender Specialist of PMU	PMU and ADB

		communities and migrant laborers residing in rented accommodations within the village. • Awareness raising campaigns on human trafficking and SEA/SH.			
Worker's Health and Safety	Impact on health of workers, including risk of diseases (malaria, dengue fever, HIV Aids) and physical injury from any form of force majeure	• Comply with requirements of Government of Bangladesh Labor Law of 2006 and all applicable laws and standards on workers H&S. • Follow international best practices on occupational health and safety such as those in Section 4.2 of World Bank EHS Guidelines on Construction and Decommissioning Activities. • Produce and implement a site health and safety (H&S) plan which include measures as: (i) excluding the public from worksites; (ii) ensuring all workers are provided with and required to use personal protective equipment (reflectorized vests, footwear, gloves, goggles and masks) at all times; (iii) providing (H&S) training for all site personnel; (iv) documenting procedures to be followed for all site activities; and (v) maintaining accident reports and records. • Arrange for readily available first aid unit including an adequate supply of sterilized dressing materials and appliances • Maintain necessary living accommodation and ancillary facilities	Project Cost	PIU, CSC and Environmental Safeguard Consultant	PMU, and ADB

		in functional and hygienic manner in work camps. Ensure (i) uncontaminated water for drinking, cooking and washing, (ii) clean eating areas where workers are not exposed to hazardous or noxious substances; and (iii) sanitation facilities are available at all times. • Provide medical insurance coverage for workers; • Provide H&S orientation training to all new workers to ensure that they are apprised of the basic site rules of work at the site, personal protective protection, and preventing injuring to fellow workers; • Provide visitor orientation if visitors to the site can gain access to areas where hazardous conditions or substances may be present. Ensure also that visitor/s do not enter hazard areas unescorted; • Ensure moving equipment is outfitted with audible back-up alarms; Mark and provide sign boards for hazardous areas such as energized electrical devices and lines, service rooms housing high voltage equipment, and areas for storage and disposal. Signage shall be in accordance with international standards and be well known to, and easily understood by workers, visitors, and the general public as appropriate;			
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Topography, landforms, geology and soils	Sand, crushed stone/bricks chips and cement will be required for this project. Extraction of construction materials may cause localized changes in topography and landforms. The impacts are negligible also short-term, site-specific within a relatively small area and reversible by mitigation measures.	• Utilize readily available sources with environmental clearance and license. • Collection of construction materials like stone chips or brick chips and sand from licensed supplier only. • Store stripped materials as not to disrupt natural drainage and protect them to prevent erosion and mitigation of soil particles into surface waters. • Provide temporary ditches and/or settling basins to collect runoff water and to prevent erosion and contamination of surface water. • Plant exposed areas with suitable vegetation at the earliest opportunity and prevent ponding of water through temporary drains to existing natural drainage network. • Restore sites after construction activities by stabilizing contours and slopes, spreading stripped materials to promote percolation and re-growth of vegetation and draining any standing water. Construction sites access roads will also be restored.	Included in the Contractor cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant
Hiring of project staff and workers	• Dispute over transparency in hiring	• Contractor will be required to give priority to local labor • Contractors will keep a record of contact details of staff and workers such as mobile telephone number, alternate telephone, email (if any), and address of where they are staying	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant

Engagement of female labor	• To follow the ADB's Gender Action Plan as per SPS 2009	• Engage female labor at least 20% of the total (if available and interested) • Maintain register daily in the register book and keep in the site office • Engage in the work items as appropriate • Pay equal wages to the female labor • Maintain pay register and keep at the site office • Construct separate sanitary toilet and washing for female labor • Do not engage pregnant female worker • If engage female labor with kids, arrange separate breast-feeding zone	Included in the Contractor cost	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB
Engagement of child labor	• Engagement of child labor (age below 18 years) should be restricted	• Do not engage child labor below 18 years old • Follow the existing government's labor Act 2006	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB
Site preparation and construction works	• Disturbance and inconvenience to people due to traffic, increased noise and dust levels, and disposal of waste • Emissions from heavy equipment machinery and construction vehicles	• CMP will be strictly implemented • Use of proper safety clothes/equipment • Provide temporary enclosures (at least 2 m high) to contain dust and minimize noise	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant
	Potential chance finds during site excavation	• Chance find will be included in the orientation training of workers prior to construction works • Chance find procedures in ECoP 1.0 will be followed	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB

	Potential safety risks to community	• Provide fence or barricade, sufficient lights, clear warning signs and danger signals, and take all precautions identified in the community and safety plan of CMP • Assign security staff prevent accidents, trespassing, and pilferage • Contractor to direct drivers to strictly follow road regulations • Provide information on health and safety measures to be implemented during consultations	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB
	Potential occupational health and safety risks to workers	• Provide workers with hard hat, safety shoes and belts • Set up first aid at construction site • Comply with relevant safety measures required by law and best engineering practices • Provide safety measures to ensure workers are aware and understand the consequences of non-compliance • Workers to always observe physical distancing • Provide PPEs such as non-medical masks and gloves if physical distancing is not possible • Daily temperature checks before workers enter/exit the work sites • Provide first aid box with emergency medicine (tablets, bandage, gauge, Dettol, thermometer etc.) • Contract nearest clinic/JUST Medical Centre, hospital, ambulance service in case of any accidental injury of the workers, staff etc.	Project cost	Contractor, CSC and PIU	PMU, Environmental Safeguard consultant

		- Any worker that shows cough and cold symptoms will not be allowed entry to work sites, and will be advised to stay home and quarantine - Install hand washing and sanitation stations at designated places - Implement H&SP and monitor compliance			
	- Heavy equipment and construction vehicles may increase vehicular emissions - Transport of materials to construction site may increase dust level - Earthmoving works and opened land areas increase dust levels - Increase in noise level and vibration from excavation and heavy equipment and construction vehicles	- Construction vehicles will be maintained to minimize vehicular emissions - Provision of temporary enclosures - Provide space on-site for construction materials to reduce trips of material delivery - Contractor will be required to maintain construction vehicles, equipment and machineries regularly to reduce emissions, avoid smoke belching, and reduce noise - Noise control must explicitly comply with the Noise Pollution Control Rules 2025 (DoE) and air quality measures should align with DoE/APCR 2022 - Spray water in opened land areas or in sources of dust generation - Transport of dust generating materials will be covered - Observance of low speed by vehicles to reduce noise - Noise-generating works will be done between 6 a.m. and 11 p. m. only. - No blowing of horns will be allowed	Included in the costs of Contractor	Contractor, CSC and PIU	PMU, Environmental Safeguard Consultant and ADB

		• Comply with traffic management plan			
Construction of ICT Centre for Excellence Building	• Noncompliance to relevant regulations • Potential accidents due to working at heights • Occupational and community safety risks • Generation of waste	• Monitor compliance to regulations • Provide adequate PPEs to workers • Provide first aid kits and fire-fighting system • Conduct daily toolbox meeting prior to start of work • Conduct work only from 6 a.m. to 11 p.m. Provide enclosures to noise generating works and equipment, and areas generating dust • Implement and comply with the approved H&SP; using IFC WB EHS Guidelines	Included in Contractor costs	Contractor, CSC and PIU	PMU, Environmental safeguard consultant and ADB
Clean up of construction sites after completion of construction works	Improper disposal of construction debris	• Restore/reinstate all the areas potentially damaged during construction works • Workers will be provided with proper safety gear and equipment • Dispose remaining waste and debris at designated sites	Included in Contractor costs	Contractor, PIU	PMU, Environmental safeguard consultant
Post Construction Stage					
Occupy new Building	Improper use and lack of care to the new building	JUST to conduct orientation and awareness to staff and students on proper care of the facility	Include in the operation cost	PIU, CSE Department	PMU
	Generation of waste	• Designate waste management coordinator • Prepare waste management plan with time-bound targets • Conduct yearly training/orientation to trainees on waste management, proper collected, and disposal • Explore measures to implement the principles of reduce, reuse and	Include in the operation cost	PIU, CSE Department	PMU

		recycle effectively including segregation at source. • Contract Chougachha Pourashava for final disposal of waste to designated disposal place			
	Potential incidence of emergency and natural disaster	• Prepare emergency/disaster preparedness plan and procedures • Designate a Disaster Coordinator who will also act as the OHS officer • Conduct training/orientation/drills on health and safety issue and emergency awareness • Provide clear and visible emergency warning signs, and posters that promote awareness of health and safety (e.g., refer to WHO Bangladesh prepared materials)	Include in the operation cost	PIU, CSE Department	PMU